

Converting Colors

XYZ(53.5364, 64.5245,
105.5883)

Have a look what the booklet for
XYZ(53.5364, 64.5245, 105.5883)
contains.

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Color

**XYZ(53.3398, 64.5845,
104.2625)**

Conversions

Conversions Part 1

Format	Color
Hex	80DFFF
RGB	128, 223, 255
RGB Percent	50%, 87%, 100%
CMY	0.4980, 0.1255, 0.0000
CMYK	0.50, 0.13, 0.00, 0.00
HSL	195°, 100%, 75%
HSV	195°, 50%, 100%
XYZ	53.3398, 64.5845, 104.2625
YIQ	198.2430, -66.8920, -10.1880

Conversions

Conversions Part 2

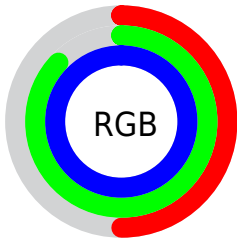
Format	Color
RYB	128, 182, 255
Decimal	8445951
CIELab	84.27, -19.77, -24.25
CIElCh	84, 31.291, 230.809
Yxy	64.5845, 0.2401, 0.2907
Android (android.graphics.Color)	4286636031 (0xFF80DFFF)
YUV	198.2430, 27.9812, -61.6031
Hunter-Lab	80.3645, -22.1632, -20.6660

Details

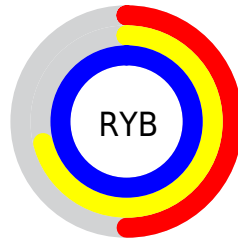
The XYZ color **53.3398, 64.5845, 104.2625** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **57.7080, 47.9613, 26.6402**, and the grayscale version is **53.6904, 56.4864, 61.5137**.

A 20% lighter version of the original color is **74.3035, 89.3048, 107.9291**, and **26.4424, 33.2407, 58.4485** is the 20% darker color. If you saturate the color by 10%, you get **48.2914, 59.4832, 103.5439**, and if you desaturate by 10%, it is **59.4206, 70.3176, 105.0486**.

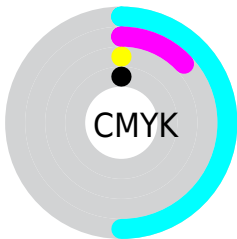
Distribution



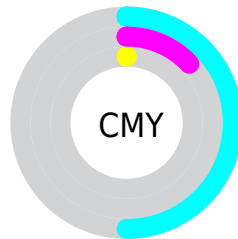
- Red (50%)
- Green (87%)
- Blue (100%)



- Red (50%)
- Yellow (71%)
- Blue (100%)



- Cyan (50%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3398, 64.5845, 104.2625 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 53.3398, 64.5845, 104.2625 by changing the saturation by 10% instead.

53.3398, 64.5845,
104.2625

53.3398, 64.5845,
104.2625

389.8270,
441.2973, 595.1369

38.3027, 47.1242,
79.2284

94.2668, 111.4523,
169.1054

26.3960, 33.1339,
58.5612

120.8873,
141.6286, 209.7513

17.2543, 22.2290,
41.8423

152.0997,
176.8124, 256.4382

10.5124, 14.0253,
28.6532

188.2694,
217.3881, 309.5846

5.8049, 8.1383,
18.5753

229.7615,
263.7400, 369.6092

2.7663, 4.1835,
11.1901

276.9416,

1.0314, 1.7768,

316.2526, 436.9304

6.0791

330.1750,
375.3102, 511.9668

■ 0.0000, 0.4726,
2.8237

■ 0.0000, 0.0000,
1.0053

■ 53.3398, 64.5845,
104.2625

■ 53.3398, 64.5845,
104.2625

■ 48.2914, 59.4832,
103.5439

■ 59.4206, 70.3176,
105.0486

■ 44.1956, 54.9672,
102.8881

■ 66.5950, 76.7108,
105.9045

■ 40.9694, 50.9940,
102.2913

■ 74.9258, 83.7989,
106.8335

■ 38.5115, 47.5104,
101.7484

■ 84.4690, 91.6118,
107.8386

■ 36.6608, 44.4322, 95.0500, 100.0000,
101.2518 108.9000

■ 36.6267, 44.3733,
101.2422

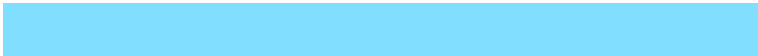
Harmonies

Analogous

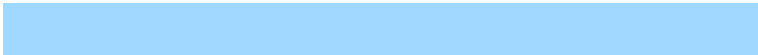
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



49.7466, 64.5845, 84.7777



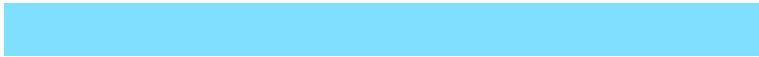
53.3398, 64.5845, 104.2625



59.2804, 64.5845, 115.1530

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.3398, 64.5845, 104.2625



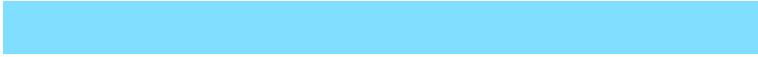
75.5108, 64.5845, 76.5991



56.7698, 64.5845, 40.3258

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



53.3398, 64.5845, 104.2625



57.7080, 47.9613, 26.6402

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



63.5401, 64.5845, 38.9607



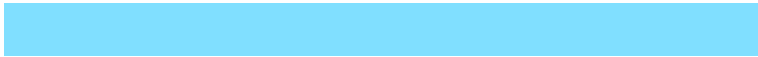
53.3398, 64.5845, 104.2625



74.7117, 64.5845, 57.6099

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.3398, 64.5845, 104.2625



72.3101, 64.5845, 97.3165



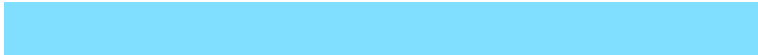
70.2024, 64.5845, 44.6841



51.6209, 64.5845, 48.8465

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.3398, 64.5845, 104.2625



63.9201, 64.5845, 114.8932



70.2024, 64.5845, 44.6841



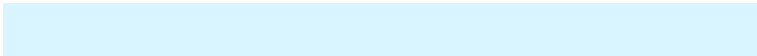
58.9191, 64.5845, 39.0871

Sweetspot

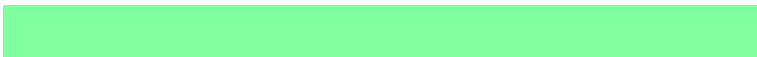
The Sweet Spot groups the original color and five complimentary colors.



53.3416, 64.5868, 104.2628



79.3533, 87.4579, 107.3065



50.9868, 78.6392, 45.6369



16.5613, 18.3713, 22.9231



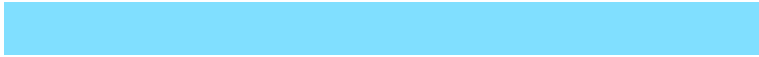
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.3416, 64.5868, 104.2628



48.2011, 59.3879, 103.5303



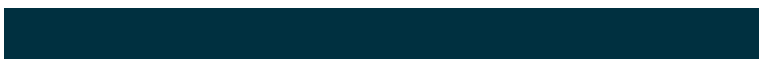
39.4814, 36.8664, 99.6428



18.1446, 19.6608, 23.0885



19.2635, 23.4367, 52.9430



1.9625, 2.4558, 5.1838

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



62.2797, 42.0279, 74.6441



58.4444, 35.7440, 69.0907



71.5917, 75.7286, 31.2681



18.5856, 18.2176, 21.7010



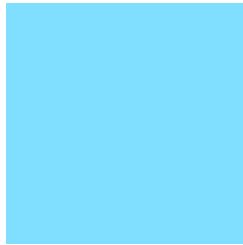
26.5115, 13.0939, 27.1420



2.6252, 1.2925, 2.8738

Previews

White Background



This preview shows how the XYZ color 53.3398, 64.5845, 104.2625 looks on a white background.

Color Contrast Check

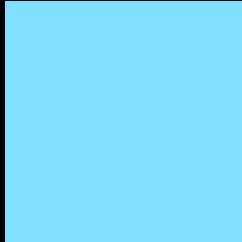
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 53.3398, 64.5845, 104.2625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.3398, 64.5845, 104.2625

Background



This preview shows how black text looks on a background with the XYZ color 53.3398, 64.5845, 104.2625.

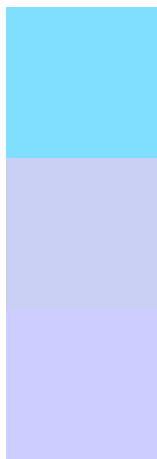


This preview shows how white text looks on a background with the XYZ color 53.3398, 64.5845,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

53.3398, 64.5845, 104.2625

Protanopia

62.9991, 63.7139, 94.5655

Deuteranopia

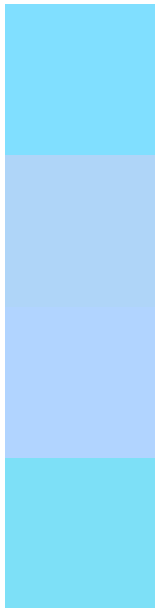
65.0582, 63.8618, 103.5054



Tritanopia

51.4151, 64.6066, 94.5545

Trichromacy



Original Color

53.3398, 64.5845, 104.2625

Protanomaly

58.4167, 63.4798, 97.9809

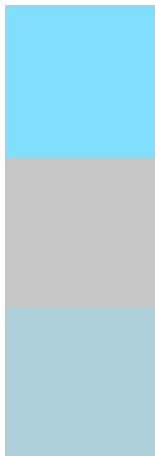
Deuteranomaly

59.7249, 63.6541, 103.7464

Tritanomaly

51.9016, 64.3867, 97.6881

Monochromacy



Original Color

53.3398, 64.5845, 104.2625

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

52.3326, 58.6244, 75.5752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3398, 64.5845, 104.2625 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(128, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(128, 223, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(128, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 223, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.3398, 64.5845, 104.2625 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(128, 223, 255) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(128, 223, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(128, 223, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(128, 223,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3398, 64.5845, 104.2625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 223, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(128,  
223, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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