

Converting Colors

XYZ(53.8236, 63.9987, 98.6354)

Have a look what the booklet for
XYZ(53.8236, 63.9987, 98.6354)
contains.

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Color

**XYZ(53.9551, 64.2410,
98.3630)**

Conversions

Conversions Part 1

Format	Color
Hex	8EDDF8
RGB	142, 221, 248
RGB Percent	56%, 87%, 97%
CMY	0.4431, 0.1333, 0.0274
CMYK	0.43, 0.11, 0.00, 0.03
HSL	195°, 88%, 76%
HSV	195°, 43%, 97%
XYZ	53.9551, 64.2410, 98.3630
YIQ	200.4570, -55.7510, -8.3510

Conversions

Conversions Part 2

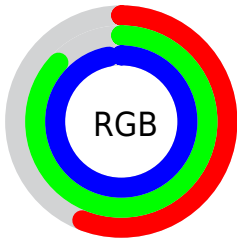
Format	Color
RYB	142, 187, 248
Decimal	9362936
CIELab	84.09, -17.43, -20.77
CIELCh	84, 27.111, 230.001
Yxy	64.2410, 0.2491, 0.2966
Android (android.graphics.Color)	4287553016 (0xFF8EDDF8)
YUV	200.4570, 23.4387, -51.2668
Hunter-Lab	80.1505, -20.1021, -16.6571

Details

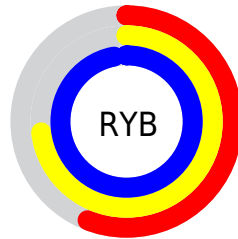
The XYZ color **53.9551, 64.2410, 98.3630** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **57.7832, 50.2868, 32.2540**, and the grayscale version is **55.0677, 57.9356, 63.0918**.

A 20% lighter version of the original color is **77.6294, 91.0194, 108.0847**, and **26.8970, 33.0095, 54.8230** is the 20% darker color. If you saturate the color by 10%, you get **48.5280, 59.0151, 97.6415**, and if you desaturate by 10%, it is **60.3955, 70.0853, 99.1528**.

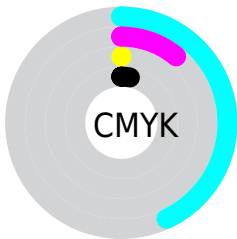
Distribution



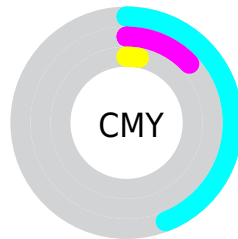
- Red (56%)
- Green (87%)
- Blue (97%)



- Red (56%)
- Yellow (73%)
- Blue (97%)



- Cyan (43%)
- Magenta (11%)
- Yellow (0%)
- Black (3%)



- Cyan (44%)
- Magenta (13%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9551, 64.2410, 98.3630 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 53.9551, 64.2410, 98.3630 by changing the saturation by 10% instead.

53.9551, 64.2410,
98.3630

53.9551, 64.2410,
98.3630

392.1399,
440.0594, 576.1332

38.7963, 46.8459,
74.3249

95.1656, 110.9579,
160.9380

26.7813, 32.9138,
54.5616

121.9480,
141.0486, 200.3119

17.5448, 22.0605,
38.6546

153.3356,
176.1398, 245.6348

10.7214, 13.9013,
26.1854

189.6939,
216.6161, 297.3252

5.9457, 8.0521,
16.7354

231.3881,
262.8618, 355.8017

2.8524, 4.1283,
9.8860

278.7836,

1.0762, 1.7456,

315.2613, 421.4829

5.2188

332.2457,
374.1991, 494.7872

■ 0.0051, 0.4529,
2.3153

■ 0.0000, 0.0000,
0.7397

■ 53.9551, 64.2410,
98.3630

■ 53.9551, 64.2410,
98.3630

■ 48.5280, 59.0151,
97.6415

■ 60.3955, 70.0853,
99.1528

■ 44.0439, 54.3661,
96.9805

■ 67.9015, 76.5716,
100.0091

■ 40.4330, 50.2584,
96.3779

■ 76.5288, 83.7311,
100.9363

■ 37.6122, 46.6480,
95.8297

■ 86.3274, 91.5906,
101.9369

■ 35.4811, 43.4823,
95.3310

■ 93.1786, 98.0276,
102.8183

■ 34.2578, 41.4061,
94.9947

■ 93.9435, 99.5574,
103.0733

Harmonies

Analogous

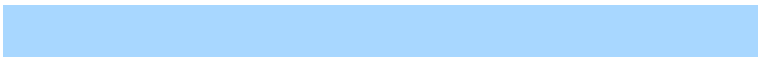
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



50.8687, 64.2410, 81.8402



53.9551, 64.2410, 98.3630



59.0823, 64.2410, 107.6952

Triad

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



53.9551, 64.2410, 98.3630



73.1113, 64.2410, 75.8289



57.2059, 64.2410, 43.3176

Complementary

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



53.9551, 64.2410, 98.3630



57.7832, 50.2868, 32.2540

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.



63.0796, 64.2410, 42.2457



53.9551, 64.2410, 98.3630



72.5271, 64.2410, 59.2667

Square

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



53.9551, 64.2410, 98.3630



70.3085, 64.2410, 93.3491



68.7609, 64.2410, 47.6107



52.6588, 64.2410, 50.8254

Rectangle

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



53.9551, 64.2410, 98.3630



63.0802, 64.2410, 107.6949



68.7609, 64.2410, 47.6107



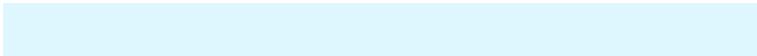
59.0818, 64.2410, 42.2459

Sweetspot

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



53.9571, 64.2435, 98.3645



81.2536, 88.9765, 107.4994



51.8390, 75.7329, 49.1782



16.9358, 18.6712, 22.9612



0.0000, 0.0000, 0.0000



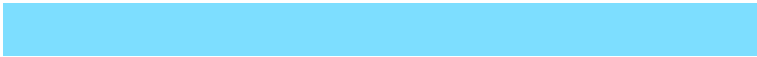
20.3446, 21.4041, 23.3091

Same Dimension

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



53.9571, 64.2435, 98.3645



52.5884, 63.7528, 104.1416



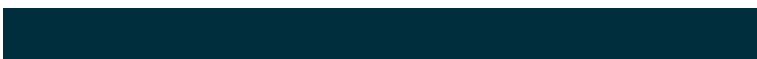
42.1956, 40.7204, 94.4440



17.3696, 18.8161, 22.1017



18.6242, 22.6041, 51.3550



1.8096, 2.2629, 4.7846

Inverse Universe

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



61.4373, 44.5249, 73.7652



61.7354, 41.1818, 73.7150



69.5841, 73.8884, 36.1876



17.7931, 17.4446, 20.7662



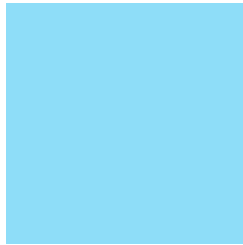
25.6927, 12.6928, 26.1538



2.4223, 1.1927, 2.6474

Previews

White Background



This preview shows how the XYZ color 53.9551, 64.2410, 98.3630 looks on a white background.

Color Contrast Check

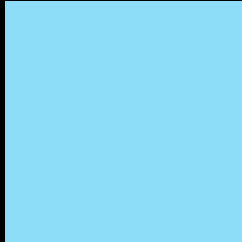
Large Text (above 18pt) WCAG AA × Fail

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 53.9551, 64.2410, 98.3630 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 53.9551, 64.2410, 98.3630

Background



This preview shows how black text looks on a background with the XYZ color 53.9551, 64.2410, 98.3630.

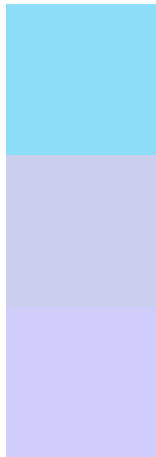


This preview shows how white text looks on a background with the XYZ color 53.9551, 64.2410,

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

53.9551, 64.2410, 98.3630

Protanopia

62.5214, 63.5542, 90.6333

Deuteranopia

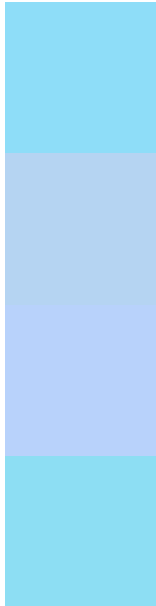
65.1760, 63.6239, 100.9410



Tritanopia

52.6647, 64.1093, 92.0367

Trichromacy



Original Color

53.9551, 64.2410, 98.3630

Protanomaly

58.6266, 63.3215, 93.1367

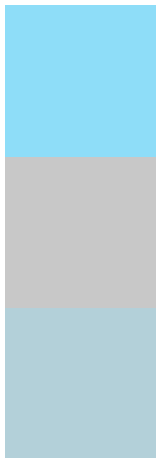
Deuteranomaly

60.2263, 63.2486, 100.3007

Tritanomaly

53.2834, 64.3763, 94.4116

Monochromacy



Original Color

53.9551, 64.2410, 98.3630

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.6707, 59.7052, 74.3412

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9551, 64.2410, 98.3630 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(142, 221, 248)` looks like.

```
.text, #text, p{  
    color:rgb(142, 221, 248)  
}
```

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(142, 221, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 221, 248) }
```

Border

The CSS property to change the border of an element to XYZ 53.9551, 64.2410, 98.3630 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(142, 221, 248) }
```


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

```
.border{ border-color:rgb(142, 221, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 221, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 221, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 221, 248);  
box-shadow:4px 4px 4px 4px rgb(142, 221,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9551, 64.2410, 98.3630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 221, 248) }
```

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

```
.background{ background-color: rgb(142,  
221, 248) }
```

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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