

Converting Colors

XYZ(53.3750, 76.6698,
106.5933)

Have a look what the booklet for
XYZ(53.3750, 76.6698, 106.5933)
contains.

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Color

**XYZ(53.3465, 76.6264,
106.5865)**

Conversions

Conversions Part 1

Format	Color
Hex	26FBFF
RGB	38, 251, 255
RGB Percent	15%, 98%, 100%
CMY	0.8509, 0.0157, 0.0000
CMYK	0.85, 0.02, 0.00, 0.00
HSL	181°, 100%, 57%
HSV	181°, 85%, 100%
XYZ	53.3465, 76.6264, 106.5865
YIQ	187.7690, -128.2320, -43.9120

Conversions

Conversions Part 2

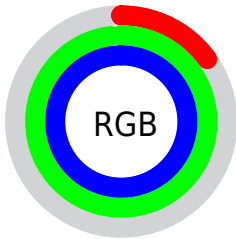
Format	Color
R_{YB}	38, 145, 255
Decimal	2554879
CIE _{Lab}	90.15, -45.10, -15.57
CIE _{LCh}	90, 47.713, 199.043
Yxy	76.6264, 0.2255, 0.3239
Android (android.graphics.Color)	4280744959 (0xFF26FBFF)
YUV	187.7690, 33.1449, -131.3474
Hunter-Lab	87.5365, -44.4074, -10.9173

Details

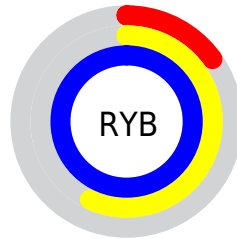
The XYZ color **53.3465, 76.6264, 106.5865** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **42.4190, 23.0576, 4.0507**, and the grayscale version is **47.5441, 50.0201, 54.4719**.

A 20% lighter version of the original color is **62.8633, 83.4071, 107.3937**, and **29.4848, 42.6608, 60.1064** is the 20% darker color. If you saturate the color by 10%, you get **52.5608, 76.0055, 106.5080**, and if you desaturate by 10%, it is **54.7788, 77.5846, 106.6959**.

Distribution



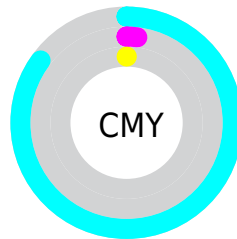
- Red (15%)
- Green (98%)
- Blue (100%)



- Red (15%)
- Yellow (57%)
- Blue (100%)



- Cyan (85%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (85%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.3465, 76.6264, 106.5865 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 53.3465, 76.6264, 106.5865 by changing the saturation by 10% instead.

 53.3465, 76.6264,
106.5865


 53.3465, 76.6264,
106.5865


389.8522,
483.4893, 602.5356


 38.3080, 56.9463,
81.1650


 94.2766, 128.6120,
172.3100


 26.4002, 40.9621,
60.1457


 120.8989,
161.6862, 213.4492

 17.2575, 28.2895,
43.1101


 152.1132,
199.9940, 260.6646

 10.5147, 18.5440,
29.6394

 188.2849,
243.9197, 314.3750

 5.8064, 11.3413,
19.3153

229.7793,
293.8476, 374.9987

 2.7672, 6.2969,
11.7192

276.9617,

 1.0319, 3.0264,

350.1623, 442.9543

6.4326

330.1976,
413.2481, 518.6604

■ 0.0000, 1.1455,
3.0369

■ 0.0000, 0.0165,
1.1135

■ 53.3465, 76.6264,
106.5865

■ 53.3465, 76.6264,
106.5865

■ 52.5608, 76.0055,
106.5080

■ 54.7788, 77.5846,
106.6959

■ 52.3299, 75.7798,
106.4766

■ 56.9648, 78.9301,
106.8404

■ 59.9981, 80.7130,
107.0247

■ 63.9577, 82.9739,
107.2524

68.9131, 85.7488,
107.5268

74.9276, 89.0702,
107.8509

82.0588, 92.9678,
108.2274

90.3606, 97.4694,
108.6587

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



52.6736, 76.6264, 71.6346



53.3465, 76.6264, 106.5865



58.8934, 76.6264, 143.0524

Triad

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



53.3465, 76.6264, 106.5865



91.4290, 76.6264, 133.9326



77.2483, 76.6264, 34.3670

Complementary

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



53.3465, 76.6264, 106.5865



42.4190, 23.0576, 4.0507

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.



88.8106, 76.6264, 43.2188



53.3465, 76.6264, 106.5865



97.5689, 76.6264, 96.4609

Square

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



53.3465, 76.6264, 106.5865



80.5211, 76.6264, 161.5658



96.5619, 76.6264, 63.9019



65.6470, 76.6264, 35.7024

Rectangle

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



53.3465, 76.6264, 106.5865



64.9819, 76.6264, 160.4104



96.5619, 76.6264, 63.9019



81.2882, 76.6264, 36.1274

Sweetspot

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



53.3486, 76.6291, 106.5869



74.3336, 88.7438, 107.8192



36.9718, 72.0972, 14.1246



15.4455, 18.7388, 23.0528



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.



53.3486, 76.6291, 106.5869



52.3299, 75.7798, 106.4766



28.6572, 27.2465, 98.3564



18.5245, 20.4206, 23.2152



27.3565, 39.6227, 55.6407



2.6724, 3.8755, 5.4205

Inverse Universe

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



59.3471, 29.6131, 93.8577



58.5429, 28.1812, 93.0459



52.5172, 43.2540, 7.4168



18.7774, 18.2943, 22.7109



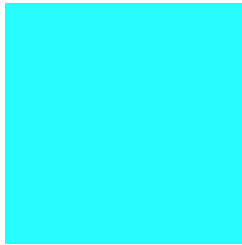
30.5965, 14.7279, 48.6532



2.9835, 1.4358, 4.7606

Previews

White Background



This preview shows how the XYZ color 53.3465, 76.6264, 106.5865 looks on a white background.

Color Contrast Check

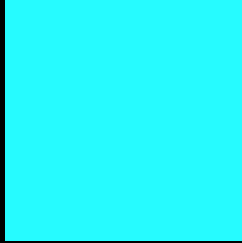
Large Text (above 18pt) WCAG AA × Fail

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 53.3465, 76.6264, 106.5865 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 53.3465, 76.6264, 106.5865

Background



This preview shows how black text looks on a background with the XYZ color 53.3465, 76.6264, 106.5865.

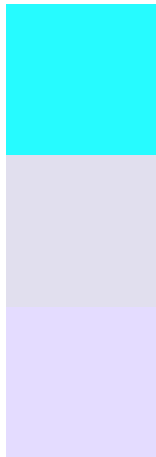


This preview shows how white text looks on a background with the XYZ color 53.3465, 76.6264,

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

53.3465, 76.6264, 106.5865

Protanopia

72.8716, 74.9560, 91.5161

Deuteranopia

75.6381, 74.9004, 105.0784



Tritanopia

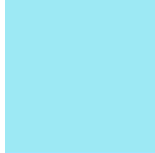
60.8330, 75.9702, 106.0652

Trichromacy



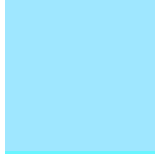
Original Color

53.3465, 76.6264, 106.5865



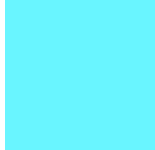
Protanomaly

59.3727, 71.9776, 96.3517



Deuteranomaly

60.9240, 71.7428, 105.2444



Tritanomaly

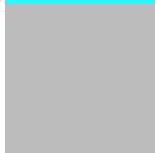
56.5281, 75.5281, 106.2068

Monochromacy



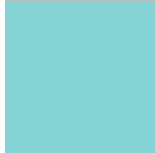
Original Color

53.3465, 76.6264, 106.5865



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

44.8508, 56.3285, 70.7960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3465, 76.6264, 106.5865 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(38, 251, 255)` looks like.

```
.text, #text, p{  
    color:rgb(38, 251, 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(38, 251, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 251, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.3465, 76.6264, 106.5865 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(38, 251, 255) }
```


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

```
.border{ border-color:rgb(38, 251, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 251, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 251, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 251, 255);  
box-shadow:4px 4px 4px 4px rgb(38, 251,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3465, 76.6264, 106.5865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 251, 255) }
```

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

```
.background{ background-color: rgb(38, 251,  
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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