

Converting Colors

XYZ(53.8002, 53.0762, 97.8516)

Have a look what the booklet for
XYZ(53.8002, 53.0762, 97.8516)
contains.

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Color

**XYZ(53.8002, 53.0762,
97.8516)**

Conversions

Conversions Part 1

Format	Color
Hex	B1BEFA
RGB	177, 190, 250
RGB Percent	69%, 75%, 98%
CMY	0.3059, 0.2549, 0.0196
CMYK	0.29, 0.24, 0.00, 0.02
HSL	229°, 88%, 84%
HSV	229°, 29%, 98%
XYZ	53.8002, 53.0762, 97.8516
YIQ	192.9530, -27.0080, 15.9040

Conversions

Conversions Part 2

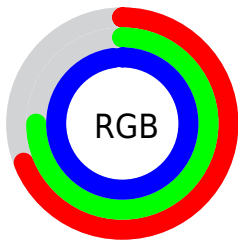
Format	Color
R _Y B	177, 188, 250
Decimal	11648762
CIE Lab	77.92, 8.78, -31.07
CIE LCh	78, 32.289, 285.773
Yxy	53.0762, 0.2628, 0.2593
Android (android.graphics.Color)	4289838842 (0xFFB1BEFA)
YUV	192.9530, 28.1242, -13.9908
Hunter-Lab	72.8534, 4.3238, -28.6368

Details

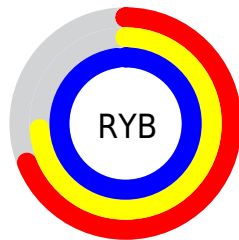
The XYZ color **53.8002, 53.0762, 97.8516** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.6451, 84.0671, 53.7308**, and the grayscale version is **50.5138, 53.1444, 57.8743**.

A 20% lighter version of the original color is **84.9375, 90.6240, 107.6232**, and **26.7397, 25.9525, 54.0521** is the 20% darker color. If you saturate the color by 10%, you get **44.4779, 42.1239, 96.2299**, and if you desaturate by 10%, it is **64.7965, 65.8252, 99.7338**.

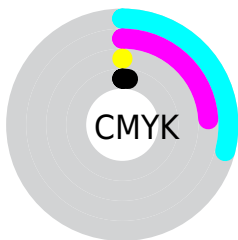
Distribution



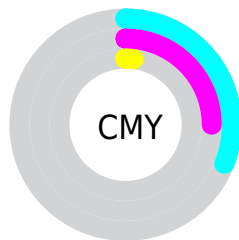
- Red (69%)
- Green (75%)
- Blue (98%)



- Red (69%)
- Yellow (74%)
- Blue (98%)



- Cyan (29%)
- Magenta (24%)
- Yellow (0%)
- Black (2%)



- Cyan (31%)
- Magenta (25%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.8002, 53.0762, 97.8516 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 53.8002, 53.0762, 97.8516 by changing the saturation by 10% instead.

■ 53.8002, 53.0762,
97.8516

■ 53.8002, 53.0762,
97.8516

391.5584,
398.5774, 574.4702

■ 38.6720, 37.8636,
73.9007

■ 94.9394, 94.7165,
160.2277

■ 26.6842, 25.8768,
54.2165

121.6812,
121.9130, 199.4899

■ 17.4716, 16.7315,
38.3804

153.0248,
153.8729, 244.6930

■ 10.6687, 10.0433,
25.9739

189.3356,
190.9806, 296.2555

■ 5.9101, 5.4277,
16.5786

230.9790,
233.6205, 354.5959

■ 2.8307, 2.5003,
9.7757

278.3204,

■ 1.0649, 0.8768,

282.1770, 420.1328

5.1468

331.7251,
337.0345, 493.2848

■ 0.0000, 0.0000,
2.2734

■ 0.0000, 0.0000,
0.7163

■ 53.8002, 53.0762,
97.8516

■ 53.8002, 53.0762,
97.8516

■ 44.4779, 42.1239,
96.2299

■ 64.7965, 65.8252,
99.7338

■ 36.7413, 32.8805,
94.8535

■ 77.5387, 80.4410,
101.8833

■ 30.5017, 25.2599,
93.7114

■ 92.1011, 96.9974,
104.3115

■ 25.6592, 19.1659,
92.7904

■ 94.2555, 99.6822,
104.7162

■ 22.1016, 14.4919,
92.0757

■ 19.6980, 11.1161,
91.5508

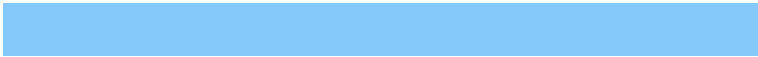
■ 18.2642, 8.8825,
91.1952

■ 18.1759, 8.7429,
91.1729

Harmonies

Analogous

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



47.5385, 53.0762, 98.1950



53.8002, 53.0762, 97.8516



59.6009, 53.0762, 85.4128

Triad

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



53.8002, 53.0762, 97.8516



59.3439, 53.0762, 36.3896



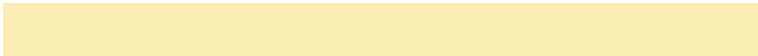
39.6280, 53.0762, 49.7044

Complementary

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



53.8002, 53.0762, 97.8516



77.6451, 84.0671, 53.7308

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.



42.2825, 53.0762, 36.8763



53.8002, 53.0762, 97.8516



53.4724, 53.0762, 30.3406

Square

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



53.8002, 53.0762, 97.8516



62.9782, 53.0762, 48.8940



47.2367, 53.0762, 30.4981



39.6998, 53.0762, 67.7066

Rectangle

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



53.8002, 53.0762, 97.8516



62.2752, 53.0762, 73.1693



47.2367, 53.0762, 30.4981



40.2208, 53.0762, 44.7341

Sweetspot

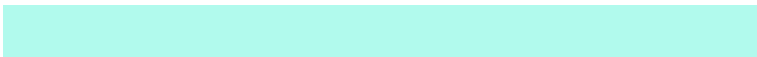
The Sweet Spot groups the original color and five complimentary colors.



53.8020, 53.0783, 97.8528



81.3800, 84.4542, 106.6199



67.5484, 83.8115, 92.4456



16.9770, 17.5722, 22.7469



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.



53.8020, 53.0783, 97.8528



50.3789, 48.6108, 101.3353



56.8295, 50.6434, 97.2233



16.5330, 17.1428, 21.8228



9.7136, 4.7828, 48.3848



0.9662, 0.5761, 4.5035

Inverse Universe

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



64.4422, 55.4875, 56.0312



63.2377, 51.8044, 50.7303



73.7644, 87.8585, 54.6671



17.3708, 17.2757, 18.5424



21.1950, 10.8937, 2.4695



1.9966, 1.0224, 0.4057

Previews

White Background



This preview shows how the XYZ color 53.8002, 53.0762, 97.8516 looks on a white background.

Color Contrast Check

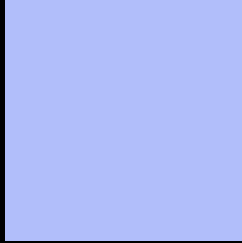
Large Text (above 18pt) WCAG AA × Fail

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 53.8002, 53.0762, 97.8516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

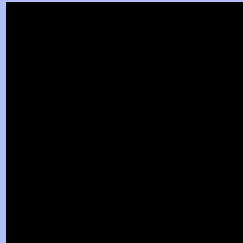
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.8002, 53.0762, 97.8516

Background



This preview shows how black text looks on a background with the XYZ color 53.8002, 53.0762, 97.8516.



This preview shows how white text looks on a background with the XYZ color 53.8002, 53.0762,

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

53.8002, 53.0762, 97.8516

Protanopia

53.5733, 52.9591, 97.8410

Deuteranopia

54.2753, 53.0006, 97.8120



Tritanopia

48.3387, 53.1716, 70.6662

Trichromacy



Original Color

53.8002, 53.0762, 97.8516

Protanomaly

53.5733, 52.9591, 97.8410

Deuteranomaly

54.0433, 52.8810, 97.8011

Tritanomaly

50.0325, 52.8452, 79.5147

Monochromacy



Original Color

53.8002, 53.0762, 97.8516

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.4808, 53.1191, 71.1580

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8002, 53.0762, 97.8516 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(177, 190, 250)` looks like.

```
.text, #text, p{  
    color:rgb(177, 190, 250)  
}
```

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(177, 190, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 190, 250) }
```

Border

The CSS property to change the border of an element to XYZ 53.8002, 53.0762, 97.8516 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(177, 190, 250) }
```


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

```
.border{ border-color:rgb(177, 190, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 190, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 190, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 190, 250);  
box-shadow:4px 4px 4px 4px rgb(177, 190,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8002, 53.0762, 97.8516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 190, 250) }
```

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

```
.background{ background-color: rgb(177,  
190, 250) }
```

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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