

Converting Colors

XYZ(53.6091, 52.4462, 78.5318)

Have a look what the booklet for
XYZ(53.6091, 52.4462, 78.5318)
contains.

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Color

**XYZ(53.6091, 52.4462,
78.5318)**

Conversions

Conversions Part 1

Format	Color
Hex	C2BBE1
RGB	194, 187, 225
RGB Percent	76%, 73%, 88%
CMY	0.2392, 0.2667, 0.1176
CMYK	0.14, 0.17, 0.00, 0.12
HSL	251°, 39%, 81%
HSV	251°, 17%, 88%
XYZ	53.6091, 52.4462, 78.5318
YIQ	193.4250, -8.0260, 13.3020

Conversions

Conversions Part 2

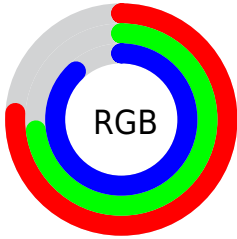
Format	Color
R_{YB}	194, 187, 225
Decimal	12762081
CIE Lab	77.55, 9.89, -18.07
CIE LCh	78, 20.604, 298.701
Yxy	52.4462, 0.2904, 0.2841
Android (android.graphics.Color)	4290952161 (0xFFC2BBE1)
YUV	193.4250, 15.5665, 0.5043
Hunter-Lab	72.4197, 5.4010, -13.6001

Details

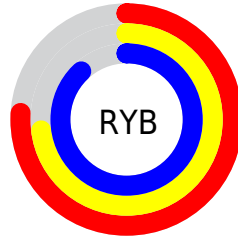
The XYZ color **53.6091, 52.4462, 78.5318** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **64.8100, 72.3450, 57.5642**, and the grayscale version is **50.8546, 53.5030, 58.2647**.

A 20% lighter version of the original color is **89.8843, 91.8304, 107.5954**, and **26.5960, 25.5279, 41.5558** is the 20% darker color. If you saturate the color by 10%, you get **44.7812, 41.3569, 76.8575**, and if you desaturate by 10%, it is **63.7700, 65.3355, 80.4850**.

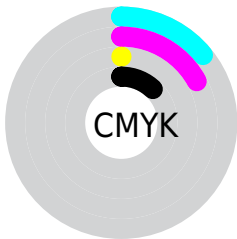
Distribution



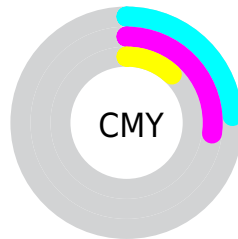
- Red (76%)
- Green (73%)
- Blue (88%)



- Red (76%)
- Yellow (73%)
- Blue (88%)



- Cyan (14%)
- Magenta (17%)
- Yellow (0%)
- Black (12%)



- Cyan (24%)
- Magenta (27%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6091, 52.4462, 78.5318 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 53.6091, 52.4462, 78.5318 by changing the saturation by 10% instead.

■ 53.6091, 52.4462,
78.5318

■ 53.6091, 52.4462,
78.5318

390.8403,
396.1568, 509.5467

■ 38.5187, 37.3609,
57.9919

■ 94.6603, 93.7890,
133.0922

■ 26.5645, 25.4870,
41.3875

121.3518,
120.8152, 167.9498

■ 17.3813, 16.4403,
28.3000

152.6410,
152.5904, 208.4170

■ 10.6037, 9.8362,
18.3109

188.8933,
189.4992, 254.9124

■ 5.8664, 5.2905,
11.0017

230.4740,
231.9258, 307.8546

■ 2.8039, 2.4187,
5.9538

277.7485,

■ 1.0509, 0.8355,

280.2547, 367.6620

2.7487

331.0822,
334.8702, 434.7532

■ 0.0000, 0.0000,
0.9678

■ 0.0000, 0.0000,
0.0000

■ 53.6091, 52.4462,
78.5318

■ 53.6091, 52.4462,
78.5318

■ 44.7812, 41.3569,
76.8575

■ 63.7700, 65.3355,
80.4850

■ 37.2256, 31.9808,
75.4459

■ 75.3116, 80.0935,
82.7253

■ 30.8841, 24.2335,
74.2848

■ 88.2851, 96.7933,
85.2649

■ 25.6919, 18.0209,
73.3593

■ 90.5908, 98.2163,
85.4180

■ 21.5779, 13.2391,
72.6531

■ 18.4630, 9.7712,
72.1479

■ 16.2564, 7.4812,
71.8222

■ 14.8461, 6.1963,
71.6485

■ 14.5229, 5.9168,
71.6116

Harmonies

Analogous

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



49.6756, 52.4462, 81.8970



53.6091, 52.4462, 78.5318



56.6672, 52.4462, 69.2451

Triad

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



53.6091, 52.4462, 78.5318



53.9245, 52.4462, 40.3722



42.5927, 52.4462, 56.6105

Complementary

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



53.6091, 52.4462, 78.5318



64.8100, 72.3450, 57.5642

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.



43.6001, 52.4462, 46.4739



53.6091, 52.4462, 78.5318



50.0219, 52.4462, 37.9014

Square

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



53.6091, 52.4462, 78.5318



56.8560, 52.4462, 47.2266



46.2681, 52.4462, 39.9799



43.4419, 52.4462, 68.2729

Rectangle

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



53.6091, 52.4462, 78.5318



57.7236, 52.4462, 61.5008



46.2681, 52.4462, 39.9799



42.7244, 52.4462, 52.9238

Sweetspot

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



53.6107, 52.4484, 78.5330



87.3928, 90.2135, 107.4146



59.1658, 66.1626, 80.8873



18.4834, 19.0259, 22.9481



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.



53.6107, 52.4484, 78.5330



67.1976, 64.6107, 103.5372



58.7935, 55.1202, 78.7755



13.1864, 13.3641, 17.2722



8.4399, 3.4462, 41.2687



0.6545, 0.2747, 2.8638

Inverse Universe

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



61.4782, 56.6123, 74.0188



79.4071, 71.0754, 96.4066



59.4585, 69.5862, 57.3138



14.1811, 13.8901, 16.7236



22.8925, 11.2240, 27.1632



1.6153, 0.7894, 2.0328

Previews

White Background



This preview shows how the XYZ color 53.6091, 52.4462, 78.5318 looks on a white background.

Color Contrast Check

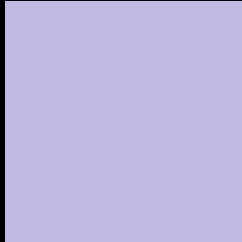
Large Text (above 18pt) WCAG AA × Fail

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 53.6091, 52.4462, 78.5318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

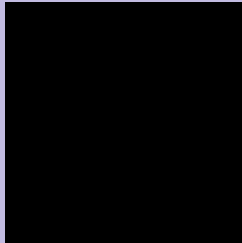
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.6091, 52.4462, 78.5318

Background



This preview shows how black text looks on a background with the XYZ color 53.6091, 52.4462, 78.5318.



This preview shows how white text looks on a background with the XYZ color 53.6091, 52.4462,

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

53.6091, 52.4462, 78.5318

Protanopia

52.0457, 52.5633, 80.0757

Deuteranopia

53.6091, 52.4462, 78.5318



Tritanopia

50.9188, 52.3111, 65.1709

Trichromacy



Original Color

53.6091, 52.4462, 78.5318

Protanomaly

52.6641, 52.5775, 79.3243

Deuteranomaly

53.6091, 52.4462, 78.5318

Tritanomaly

51.8195, 52.3551, 69.6617

Monochromacy



Original Color

53.6091, 52.4462, 78.5318

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.6426, 53.0068, 65.2671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6091, 52.4462, 78.5318 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(194, 187, 225)` looks like.

```
.text, #text, p{  
    color:rgb(194, 187, 225)  
}
```

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(194, 187, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 187, 225) }
```

Border

The CSS property to change the border of an element to XYZ 53.6091, 52.4462, 78.5318 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(194, 187, 225) }
```


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

```
.border{ border-color:rgb(194, 187, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 187, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 187, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 187, 225);  
box-shadow:4px 4px 4px 4px rgb(194, 187,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6091, 52.4462, 78.5318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 187, 225) }
```

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

```
.background{ background-color: rgb(194,  
187, 225) }
```

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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