

Converting Colors

XYZ(53.7549, 51.4353, 90.6779)

Have a look what the booklet for
XYZ(53.7549, 51.4353, 90.6779)
contains.

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Color

**XYZ(53.5112, 51.1966,
90.2807)**

Conversions

Conversions Part 1

Format	Color
Hex	BBB8F1
RGB	187, 184, 241
RGB Percent	73%, 72%, 95%
CMY	0.2667, 0.2784, 0.0549
CMYK	0.22, 0.24, 0.00, 0.05
HSL	243°, 67%, 83%
HSV	243°, 24%, 95%
XYZ	53.5112, 51.1966, 90.2807
YIQ	191.3950, -16.5090, 18.3630

Conversions

Conversions Part 2

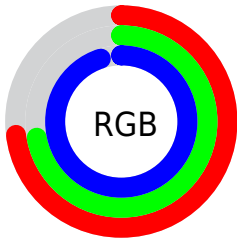
Format	Color
R _Y B	187, 184, 241
Decimal	12302577
CIE Lab	76.80, 12.87, -27.90
CIE LCh	77, 30.722, 294.769
Yxy	51.1966, 0.2744, 0.2626
Android (android.graphics.Color)	4290492657 (0xFFBBB8F1)
YUV	191.3950, 24.4553, -3.8544
Hunter-Lab	71.5518, 8.2785, -24.7231

Details

The XYZ color **53.5112, 51.1966, 90.2807** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **75.3683, 84.5496, 57.6969**, and the grayscale version is **49.6211, 52.2053, 56.8515**.

A 20% lighter version of the original color is **86.5183, 88.7733, 107.1827**, and **26.5461, 24.7219, 49.2716** is the 20% darker color. If you saturate the color by 10%, you get **43.7766, 39.3699, 88.5118**, and if you desaturate by 10%, it is **64.9899, 65.1908, 92.3777**.

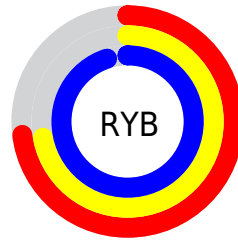
Distribution



Red (73%)

Green (72%)

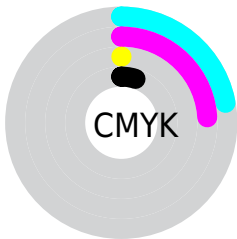
Blue (95%)



Red (73%)

Yellow (72%)

Blue (95%)

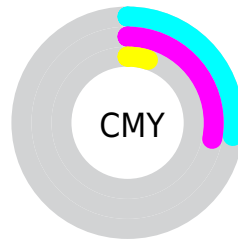


Cyan (22%)

Magenta (24%)

Yellow (0%)

Black (5%)



Cyan (27%)

Magenta (28%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5112, 51.1966, 90.2807 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 53.5112, 51.1966, 90.2807 by changing the saturation by 10% instead.

■ 53.5112, 51.1966,
90.2807

■ 53.5112, 51.1966,
90.2807

390.4721,
391.3271, 549.5372

■ 38.4401, 36.3651,
67.6385

■ 94.5173, 91.9453,
149.6672

■ 26.5032, 24.7163,
49.1388

121.1830,
118.6313, 187.2485

■ 17.3351, 15.8658,
34.3632

152.4443,
150.0376, 230.6465

■ 10.5705, 9.4292,
22.8932

188.6666,
186.5486, 280.2799

■ 5.8440, 5.0222,
14.3101

230.2151,
228.5486, 336.5671

■ 2.7902, 2.2603,
8.1954

277.4553,

■ 1.0438, 0.7526,

276.4221, 399.9267

4.1307

330.7526,
330.5535, 470.7772

■ 0.0000, 0.0000,
1.6973

■ 0.0000, 0.0000,
0.3589

■ 53.5112, 51.1966,
90.2807

■ 53.5112, 51.1966,
90.2807

■ 43.7766, 39.3699,
88.5118

■ 64.9899, 65.1908,
92.3777

■ 35.6961, 29.5965,
87.0513

■ 78.2871, 81.4467,
94.8146

■ 29.1791, 21.7611,
85.8824

■ 92.8774, 99.1309,
97.4590

■ 24.1243, 15.7346,
84.9856

■ 20.4186, 11.3723,
84.3389

■ 17.9321, 8.5070,
83.9169

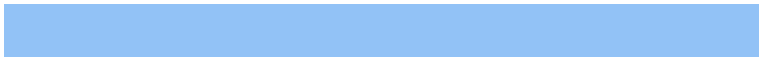
■ 16.5092, 6.9367,
83.6887

■ 16.0387, 6.4341,
83.6165

Harmonies

Analogous

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



47.6458, 51.1966, 94.2265



53.5112, 51.1966, 90.2807



58.4061, 51.1966, 76.3962

Triad

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



53.5112, 51.1966, 90.2807



55.4198, 51.1966, 33.4136



38.3274, 51.1966, 52.8678

Complementary

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



53.5112, 51.1966, 90.2807



75.3683, 84.5496, 57.6969

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.



40.0647, 51.1966, 39.1964



53.5112, 51.1966, 90.2807



49.6902, 51.1966, 29.4916

Square

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



53.5112, 51.1966, 90.2807



59.5682, 51.1966, 43.3442



44.1128, 51.1966, 31.3753



39.1735, 51.1966, 70.3092

Rectangle

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



53.5112, 51.1966, 90.2807



60.3009, 51.1966, 64.6130



44.1128, 51.1966, 31.3753



38.6242, 51.1966, 47.7269

Sweetspot

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



53.5129, 51.1987, 90.2819



83.6675, 86.0679, 106.8108



66.2640, 77.7789, 94.7403



17.7088, 18.1781, 22.8253



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.



53.5129, 51.1987, 90.2819



55.6885, 51.9449, 101.6990



61.1465, 55.1340, 90.6391



14.9742, 15.2684, 19.8795



8.7308, 3.5063, 45.3445



0.7532, 0.3056, 3.7735

Inverse Universe

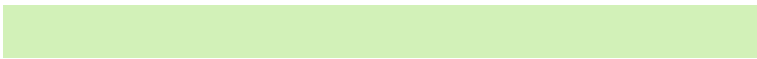
The Inverse Universe completely reimagines the original color for something new.



68.8502, 59.1567, 88.6801



75.7484, 62.3554, 99.5112



66.5873, 80.0228, 57.2859



16.4162, 16.0162, 19.7481



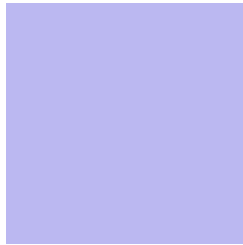
27.3055, 13.1946, 41.1210



2.2825, 1.1020, 3.4785

Previews

White Background



This preview shows how the XYZ color 53.5112, 51.1966, 90.2807 looks on a white background.

Color Contrast Check

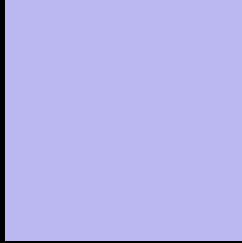
Large Text (above 18pt) WCAG AA × Fail

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 53.5112, 51.1966, 90.2807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

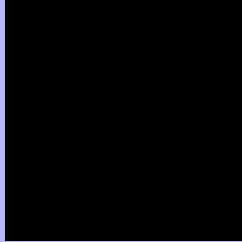
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5112, 51.1966, 90.2807

Background



This preview shows how black text looks on a background with the XYZ color 53.5112, 51.1966, 90.2807.



This preview shows how white text looks on a background with the XYZ color 53.5112, 51.1966,

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

53.5112, 51.1966, 90.2807

Protanopia

51.6272, 51.1257, 91.9412

Deuteranopia

52.4921, 51.2924, 90.3529



Tritanopia

48.3764, 50.9864, 65.6842

Trichromacy



Original Color

53.5112, 51.1966, 90.2807

Protanomaly

52.1763, 51.1123, 91.1201

Deuteranomaly

52.7546, 51.1161, 90.3050

Tritanomaly

50.2978, 51.1482, 74.2394

Monochromacy



Original Color

53.5112, 51.1966, 90.2807

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.7270, 51.5170, 67.5918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5112, 51.1966, 90.2807 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(187, 184, 241)` looks like.

```
.text, #text, p{  
    color:rgb(187, 184, 241)  
}
```

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(187, 184, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 184, 241) }
```

Border

The CSS property to change the border of an element to XYZ 53.5112, 51.1966, 90.2807 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(187, 184, 241) }
```


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

```
.border{ border-color:rgb(187, 184, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 184, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 184, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 184, 241);  
box-shadow:4px 4px 4px 4px rgb(187, 184,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5112, 51.1966, 90.2807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 184, 241) }
```

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

```
.background{ background-color: rgb(187,  
184, 241) }
```

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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