

Converting Colors

XYZ(50.4898, 47.1095, 90.8558)

Have a look what the booklet for
XYZ(50.4898, 47.1095, 90.8558)
contains.

XYZ(50.5254, 47.2250, 91.2464)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(50.5254, 47.2250,
91.2464)**

Conversions

Conversions Part 1

Format	Color
Hex	B4B0F3
RGB	180, 176, 243
RGB Percent	71%, 69%, 95%
CMY	0.2941, 0.3098, 0.0471
CMYK	0.26, 0.28, 0.00, 0.05
HSL	244°, 74%, 82%
HSV	244°, 28%, 95%
XYZ	50.5254, 47.2250, 91.2464
YIQ	184.8340, -19.1230, 21.6850

Conversions

Conversions Part 2

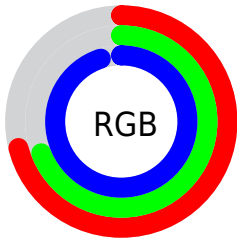
Format	Color
RYB	180, 176, 243
Decimal	11841779
CIELab	74.33, 15.67, -32.81
CIELCh	74, 36.361, 295.524
Yxy	47.2250, 0.2673, 0.2499
Android (android.graphics.Color)	4290031859 (0xFFB4B0F3)
YUV	184.8340, 28.6758, -4.2394
Hunter-Lab	68.7204, 10.9779, -30.6204

Details

The XYZ color **50.5254, 47.2250, 91.2464** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **75.4848, 85.5875, 53.6177**, and the grayscale version is **45.8765, 48.2657, 52.5613**.

A 20% lighter version of the original color is **81.8317, 82.9378, 106.3033**, and **24.7815, 22.4388, 50.0387** is the 20% darker color. If you saturate the color by 10%, you get **41.2926, 36.0150, 89.5701**, and if you desaturate by 10%, it is **61.4910, 60.5963, 93.2502**.

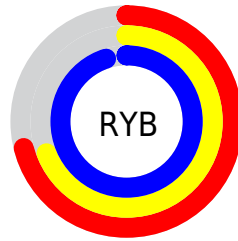
Distribution



Red (71%)

Green (69%)

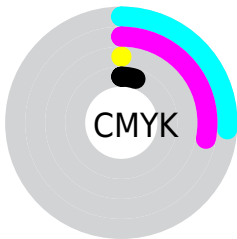
Blue (95%)



Red (71%)

Yellow (69%)

Blue (95%)

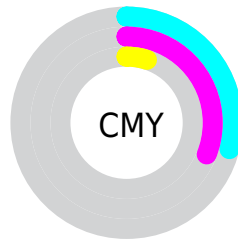


Cyan (26%)

Magenta (28%)

Yellow (0%)

Black (5%)



Cyan (29%)

Magenta (31%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.5254, 47.2250, 91.2464 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 50.5254, 47.2250, 91.2464 by changing the saturation by 10% instead.

■ 50.5254, 47.2250,
91.2464

■ 50.5254, 47.2250,
91.2464

379.1351,
375.7119, 552.7514

■ 36.0505, 33.2136,
68.4353

■ 90.1400, 86.0494,
151.0191

■ 24.6435, 22.2901,
49.7831

116.0105,
111.6311, 188.8178

■ 15.9390, 14.0702,
34.8711

146.4102,
141.8384, 232.4495

■ 9.5716, 8.1695,
23.2808

181.7046,
177.0556, 282.3327

■ 5.1759, 4.2036,
14.5938

222.2589,
217.6672, 338.8860

■ 2.3867, 1.7881,
8.3913

268.4385,

■ 0.8385, 0.4797,

264.0575, 402.5278

4.2550

320.6088,
316.6110, 473.6768

■ 0.0000, 0.0000,
1.7663

■ 0.0000, 0.0000,
0.4056

■ 50.5254, 47.2250,
91.2464

■ 50.5254, 47.2250,
91.2464

■ 41.2926, 36.0150,
89.5701

■ 61.4910, 60.5963,
93.2502

■ 33.6995, 26.8476,
88.2008

■ 74.2667, 76.2282,
95.5941

■ 27.6513, 19.6013,
87.1209

■ 88.9310, 94.2205,
98.2941

■ 23.0417, 14.1391,
86.3095

■ 93.1778, 99.2511,
99.0412

■ 19.7509, 10.3063,
85.7432

■ 17.6396, 7.9216,
85.3941

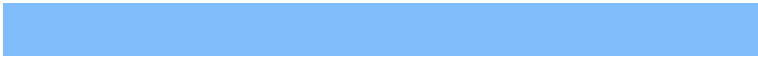
■ 16.5315, 6.7486,
85.2261

■ 16.3669, 6.5686,
85.2001

Harmonies

Analogous

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



43.9118, 47.2250, 96.3289



50.5254, 47.2250, 91.2464



56.0708, 47.2250, 74.6184

Triad

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



50.5254, 47.2250, 91.2464



52.3870, 47.2250, 27.0787



33.4803, 47.2250, 48.6606

Complementary

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



50.5254, 47.2250, 91.2464



75.4848, 85.5875, 53.6177

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.



35.2971, 47.2250, 33.6096



50.5254, 47.2250, 91.2464



45.8744, 47.2250, 23.2244

Square

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



50.5254, 47.2250, 91.2464



57.2167, 47.2250, 37.4106



39.6826, 47.2250, 25.2870



34.4677, 47.2250, 68.5516

Rectangle

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



50.5254, 47.2250, 91.2464



58.1958, 47.2250, 60.9578



39.6826, 47.2250, 25.2870



33.7779, 47.2250, 42.9329

Sweetspot

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



50.5270, 47.2269, 91.2475



82.1755, 84.2096, 106.5307



65.1406, 77.8166, 96.3817



17.1033, 17.4295, 22.7127



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.



50.5270, 47.2269, 91.2475



50.4605, 45.5046, 100.7314



59.1016, 51.6472, 91.6488



15.6727, 15.9739, 20.7998



9.0184, 3.6235, 46.7621



0.8242, 0.3347, 4.1114

Inverse Universe

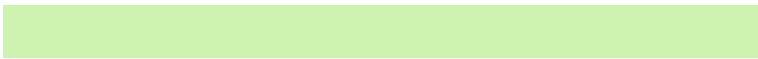
The Inverse Universe completely reimagines the original color for something new.



68.0687, 56.3390, 88.9494



73.0262, 57.2298, 97.6207



65.3837, 80.3802, 53.1450



17.1684, 16.7502, 20.6333



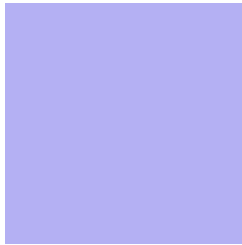
28.0277, 13.5545, 41.7157



2.4761, 1.1964, 3.7336

Previews

White Background



This preview shows how the XYZ color 50.5254, 47.2250, 91.2464 looks on a white background.

Color Contrast Check

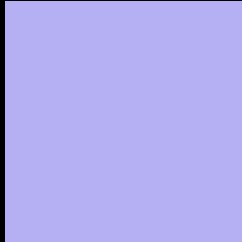
Large Text (above 18pt) WCAG AA × Fail

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 50.5254, 47.2250, 91.2464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

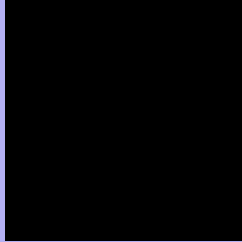
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.5254, 47.2250, 91.2464

Background



This preview shows how black text looks on a background with the XYZ color 50.5254, 47.2250, 91.2464.



This preview shows how white text looks on a background with the XYZ color 50.5254, 47.2250,

91.2464.

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

50.5254, 47.2250, 91.2464

Protanopia

48.2657, 47.1889, 93.7533

Deuteranopia

48.4967, 47.3782, 90.5932



Tritanopia

44.2439, 47.0624, 60.7849

Trichromacy



Original Color

50.5254, 47.2250, 91.2464

Protanomaly

49.1791, 47.3788, 92.9392

Deuteranomaly

49.1604, 47.4217, 90.5667

Tritanomaly

46.2452, 46.9527, 70.9154

Monochromacy



Original Color

50.5254, 47.2250, 91.2464

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

47.3970, 47.9794, 65.1554

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5254, 47.2250, 91.2464 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(180, 176, 243)` looks like.

```
.text, #text, p{  
    color:rgb(180, 176, 243)  
}
```

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(180, 176, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 176, 243) }
```

Border

The CSS property to change the border of an element to XYZ 50.5254, 47.2250, 91.2464 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(180, 176, 243) }
```


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

```
.border{ border-color:rgb(180, 176, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 176, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 176, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 176, 243);  
box-shadow:4px 4px 4px 4px rgb(180, 176,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5254, 47.2250, 91.2464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 176, 243) }
```

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

```
.background{ background-color: rgb(180,  
176, 243) }
```

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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