

Converting Colors

XYZ(48.9191, 50.3394, 64.2649)

Have a look what the booklet for
XYZ(48.9191, 50.3394, 64.2649)
contains.

XYZ(48.9191, 50.3394, 64.2649)	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(48.9191, 50.3394,
64.2649)**

Conversions

Conversions Part 1

Format	Color
Hex	BABBCC
RGB	186, 187, 204
RGB Percent	73%, 73%, 80%
CMY	0.2706, 0.2666, 0.2000
CMYK	0.09, 0.08, 0.00, 0.20
HSL	237°, 15%, 76%
HSV	237°, 9%, 80%
XYZ	48.9191, 50.3394, 64.2649
YIQ	188.6390, -6.0530, 5.0750

Conversions

Conversions Part 2

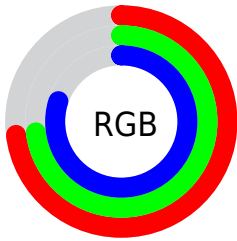
Format	Color
R _Y B	186, 187, 204
Decimal	12237772
CIE Lab	76.28, 2.95, -8.67
CIE LCh	76, 9.155, 288.806
Yxy	50.3394, 0.2992, 0.3078
Android (android.graphics.Color)	4290427852 (0xFFBABBCC)
YUV	188.6390, 7.5730, -2.3144
Hunter-Lab	70.9503, -1.0900, -4.0382

Details

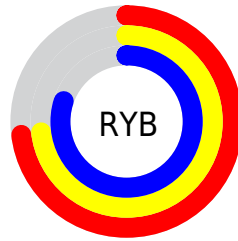
The XYZ color **48.9191, 50.3394, 64.2649** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.1208, 59.0939, 54.9564**, and the grayscale version is **48.1255, 50.6318, 55.1380**.

A 20% lighter version of the original color is **86.7185, 90.1984, 107.4472**, and **23.7030, 24.2387, 32.2834** is the 20% darker color. If you saturate the color by 10%, you get **40.4965, 40.3333, 62.7782**, and if you desaturate by 10%, it is **58.6004, 61.8108, 65.9696**.

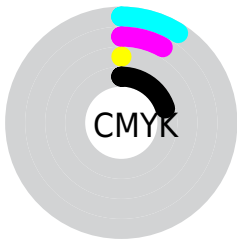
Distribution



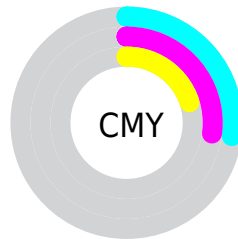
- Red (73%)
- Green (73%)
- Blue (80%)



- Red (73%)
- Yellow (73%)
- Blue (80%)



- Cyan (9%)
- Magenta (8%)
- Yellow (0%)
- Black (20%)



- Cyan (27%)
- Magenta (27%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.9191, 50.3394, 64.2649 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 48.9191, 50.3394, 64.2649 by changing the saturation by 10% instead.

■ 48.9191, 50.3394,
64.2649

■ 48.9191, 50.3394,
64.2649

372.9460,
387.9917, 458.3793

■ 34.7696, 35.6831,
46.4177

■ 87.7727, 90.6775,
112.5955

■ 23.6511, 24.1896,
32.2245

113.2076,
117.1282, 143.9160

■ 15.1984, 15.4743,
21.2668

143.1349,
148.2792, 180.5646

■ 9.0459, 9.1529,
13.1260

177.9200,
184.5148, 222.9599

■ 4.8285, 4.8411,
7.3836

217.9283,
226.2194, 271.5206

■ 2.1807, 2.1543,
3.6211

263.5252,

■ 0.7325, 0.6949,

273.7776, 326.6650

1.4199

315.0760,
327.5735, 388.8117

■ 0.0000, 0.0000,
0.1571

■ 0.0000, 0.0000,
0.0000

■ 48.9191, 50.3394,
64.2649

■ 48.9191, 50.3394,
64.2649

■ 40.4965, 40.3333,
62.7782

■ 58.6004, 61.8108,
65.9696

■ 33.2767, 31.7276,
61.4977

■ 69.5845, 74.7967,
67.8972

■ 27.2061, 24.4616,
60.4152

■ 81.9187, 89.3515,
70.0565

■ 22.2254, 18.4679,
59.5208

■ 87.8992, 97.1397,
71.2446

■ 18.2698, 13.6733,
58.8038

■ 15.2680, 9.9968,
58.2524

■ 13.1391, 7.3479,
57.8533

■ 11.7890, 5.6214,
57.5912

■ 11.0814, 4.6795,
57.4467

Harmonies

Analogous

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



47.2076, 50.3394, 64.6271



48.9191, 50.3394, 64.2649



50.3756, 50.3394, 61.2821

Triad

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



48.9191, 50.3394, 64.2649



50.0552, 50.3394, 47.9947



44.6776, 50.3394, 52.9946

Complementary

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



48.9191, 50.3394, 64.2649



55.1208, 59.0939, 54.9564

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.



45.4027, 50.3394, 48.8124



48.9191, 50.3394, 64.2649



48.4903, 50.3394, 46.0429

Square

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



48.9191, 50.3394, 64.2649



51.0423, 50.3394, 51.8170



46.7889, 50.3394, 46.3330



44.7862, 50.3394, 57.9183

Rectangle

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



48.9191, 50.3394, 64.2649



50.9931, 50.3394, 58.3035



46.7889, 50.3394, 46.3330



44.8313, 50.3394, 51.4609

Sweetspot

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



48.9206, 50.3415, 64.2660



90.0300, 94.0551, 108.0171



52.5991, 57.9279, 64.7848



18.9901, 19.7999, 23.0708



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.



48.9206, 50.3415, 64.2660



77.5975, 79.3121, 105.8267



50.6557, 50.9213, 64.2865



10.6511, 10.9426, 14.1211



6.9602, 2.9445, 36.1578



0.3770, 0.1878, 1.8713

Inverse Universe

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



51.4315, 51.5441, 54.2545



82.7703, 81.8008, 85.1992



53.2736, 58.4943, 54.9380



11.2372, 11.2236, 11.7839



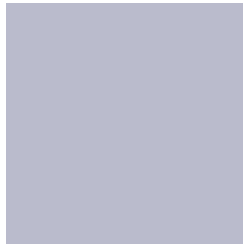
15.7241, 8.1002, 0.9999



0.8203, 0.4215, 0.0993

Previews

White Background



This preview shows how the XYZ color 48.9191, 50.3394, 64.2649 looks on a white background.

Color Contrast Check

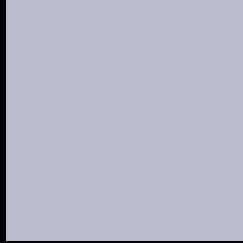
Large Text (above 18pt) WCAG AA × Fail

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 48.9191, 50.3394, 64.2649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

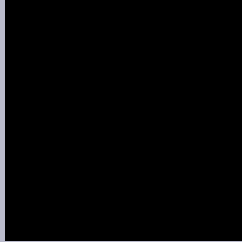
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.9191, 50.3394, 64.2649

Background



This preview shows how black text looks on a background with the XYZ color 48.9191, 50.3394, 64.2649.

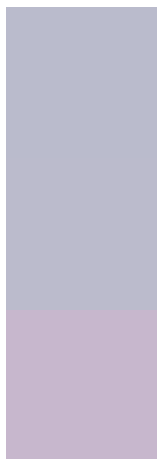


This preview shows how white text looks on a background with the XYZ color 48.9191, 50.3394,

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

48.9191, 50.3394, 64.2649

Protanopia

49.1629, 50.4651, 64.2763

Deuteranopia

51.5061, 50.4169, 64.7744



Tritanopia

48.6807, 50.2440, 63.0094

Trichromacy



Original Color

48.9191, 50.3394, 64.2649

Protanomaly

49.1629, 50.4651, 64.2763

Deuteranomaly

50.4081, 50.1581, 64.7823

Tritanomaly

48.7995, 50.2915, 63.6351

Monochromacy



Original Color

48.9191, 50.3394, 64.2649

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.4599, 50.5528, 58.2425

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9191, 50.3394, 64.2649 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(186, 187, 204)` looks like.

```
.text, #text, p{  
    color:rgb(186, 187, 204)  
}
```

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(186, 187, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 187, 204) }
```

Border

The CSS property to change the border of an element to XYZ 48.9191, 50.3394, 64.2649 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(186, 187, 204) }
```


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

```
.border{ border-color:rgb(186, 187, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 187, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 187, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 187, 204);  
box-shadow:4px 4px 4px 4px rgb(186, 187,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9191, 50.3394, 64.2649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 187, 204) }
```

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

```
.background{ background-color: rgb(186,  
187, 204) }
```

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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