

Converting Colors

XYZ(48.5095, 49.7893, 58.0772)

Have a look what the booklet for
XYZ(48.5095, 49.7893, 58.0772)
contains.

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Color

**XYZ(48.3218, 49.5401,
58.0543)**

Conversions

Conversions Part 1

Format	Color
Hex	BEB9C2
RGB	190, 185, 194
RGB Percent	75%, 73%, 76%
CMY	0.2549, 0.2745, 0.2392
CMYK	0.02, 0.05, 0.00, 0.24
HSL	273°, 7%, 74%
HSV	273°, 5%, 76%
XYZ	48.3218, 49.5401, 58.0543
YIQ	187.5210, 0.0910, 3.8590

Conversions

Conversions Part 2

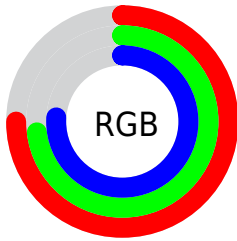
Format	Color
R_{YB}	190, 185, 194
Decimal	12499394
CIE Lab	75.79, 3.43, -3.92
CIE LCh	76, 5.212, 311.154
Yxy	49.5401, 0.3099, 0.3177
Android (android.graphics.Color)	4290689474 (0xFFBEB9C2)
YUV	187.5210, 3.1941, 2.1741
Hunter-Lab	70.3847, -0.6262, 0.3661

Details

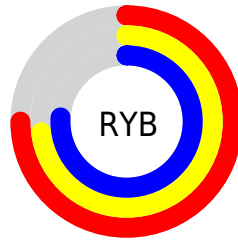
The XYZ color **48.3218, 49.5401, 58.0543** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.0368, 52.9065, 53.5288**, and the grayscale version is **47.5121, 49.9864, 54.4352**.

A 20% lighter version of the original color is **86.7167, 89.4056, 103.1290**, and **23.3014, 23.7143, 28.1602** is the 20% darker color. If you saturate the color by 10%, you get **42.4467, 40.8933, 56.6957**, and if you desaturate by 10%, it is **54.8810, 59.3644, 59.6056**.

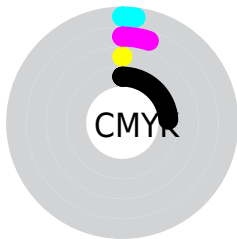
Distribution



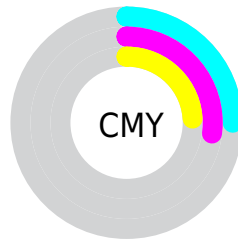
- Red (75%)
- Green (73%)
- Blue (76%)



- Red (75%)
- Yellow (73%)
- Blue (76%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (24%)



- Cyan (25%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.3218, 49.5401, 58.0543 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 48.3218, 49.5401, 58.0543 by changing the saturation by 10% instead.

■ 48.3218, 49.5401,
58.0543

■ 48.3218, 49.5401,
58.0543

370.6276,
384.8647, 434.9921

■ 34.2941, 35.0481,
41.4373

■ 86.8901, 89.4931,
103.5175

■ 23.2836, 23.6999,
28.3387

112.1615,
115.7229, 133.2008

■ 14.9249, 15.1112,
18.3399

141.9114,
146.6341, 168.0766

■ 8.8527, 8.8975,
11.0223

176.5054,
182.6111, 208.5634

■ 4.7015, 4.6744,
5.9675

216.3086,
224.0382, 255.0799

■ 2.1062, 2.0575,
2.7568

261.6865,

■ 0.6926, 0.6406,

271.2999, 308.0444

0.9719

313.0044,
324.7806, 367.8757

■ 0.0000, 0.0000,
0.0000

■ 48.3218, 49.5401,
58.0543

■ 48.3218, 49.5401,
58.0543

■ 42.4467, 40.8933,
56.6957

■ 54.8810, 59.3644,
59.6056

■ 37.2270, 33.3719,
55.5190

■ 62.1432, 70.4030,
61.3535

■ 32.6380, 26.9294,
54.5174

■ 70.1318, 82.6989,
63.3058

■ 28.6519, 21.5133,
53.6820

■ 76.3935, 91.3424,
64.6442

■ 25.2386, 17.0670,
53.0037

■ 79.1428, 92.7598,
64.7728

■ 22.3648, 13.5277,
52.4720

■ 82.0298, 94.2481,
64.9079

■ 19.9937, 10.8253,
52.0754

■ 85.0564, 95.8083,
65.0496

■ 18.0828, 8.8790,
51.8004

■ 86.7377, 96.6751,
65.1283

■ 16.5812, 7.5907,
51.6309

Harmonies

Analogous

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



47.4473, 49.5401, 59.3409



48.3218, 49.5401, 58.0543



48.8698, 49.5401, 55.6808

Triad

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



48.3218, 49.5401, 58.0543



47.6901, 49.5401, 49.0520



45.2839, 49.5401, 54.9784

Complementary

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



48.3218, 49.5401, 58.0543



49.0368, 52.9065, 53.5288

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.



45.3469, 49.5401, 52.2373



48.3218, 49.5401, 58.0543



46.7273, 49.5401, 48.8786

Square

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



48.3218, 49.5401, 58.0543



48.5016, 49.5401, 50.5086



45.8722, 49.5401, 50.0262



45.6989, 49.5401, 57.5250

Rectangle

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



48.3218, 49.5401, 58.0543



48.9717, 49.5401, 53.8334



45.8722, 49.5401, 50.0262



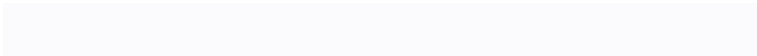
45.2501, 49.5401, 54.0482

Sweetspot

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



48.3232, 49.5422, 58.0554



91.7064, 95.9519, 106.1569



47.9554, 50.6279, 58.2843



20.0955, 21.0316, 23.2503



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.



48.3232, 49.5422, 58.0554



85.9206, 87.3424, 104.8000



49.2856, 50.0442, 57.8371



10.4233, 10.5669, 12.7751



10.5441, 4.6961, 33.9073



0.5339, 0.2433, 1.4687

Inverse Universe

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



48.7841, 49.8436, 55.1960



87.0148, 88.0574, 98.0279



48.1057, 52.4210, 53.7336



10.5668, 10.6606, 11.8875



15.7784, 8.0011, 6.7449



0.7164, 0.3596, 0.4738

Previews

White Background



This preview shows how the XYZ color 48.3218, 49.5401, 58.0543 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 48.3218, 49.5401, 58.0543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

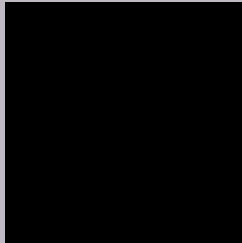
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.3218, 49.5401, 58.0543

Background



This preview shows how black text looks on a background with the XYZ color 48.3218, 49.5401, 58.0543.

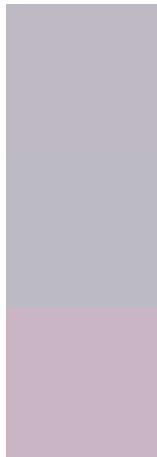


This preview shows how white text looks on a background with the XYZ color 48.3218, 49.5401,

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

48.3218, 49.5401, 58.0543

Protanopia

48.0355, 49.7042, 58.1011

Deuteranopia

50.4616, 49.4054, 58.5063



Tritanopia

48.9352, 49.4809, 61.0044

Trichromacy



Original Color

48.3218, 49.5401, 58.0543

Protanomaly

48.2828, 49.8317, 58.1126

Deuteranomaly

49.6042, 49.2663, 58.5247

Tritanomaly

48.7044, 49.3886, 59.7893

Monochromacy



Original Color

48.3218, 49.5401, 58.0543

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.0509, 50.0772, 55.8485

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3218, 49.5401, 58.0543 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(190, 185, 194)` looks like.

```
.text, #text, p{  
    color:rgb(190, 185, 194)  
}
```

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(190, 185, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 185, 194) }
```

Border

The CSS property to change the border of an element to XYZ 48.3218, 49.5401, 58.0543 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(190, 185, 194) }
```


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

```
.border{ border-color:rgb(190, 185, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 185, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 185, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 185, 194);  
box-shadow:4px 4px 4px 4px rgb(190, 185,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3218, 49.5401, 58.0543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 185, 194) }
```

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

```
.background{ background-color: rgb(190,  
185, 194) }
```

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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