

Converting Colors

XYZ(48.7512, 49.6625, 65.4095)

Have a look what the booklet for
XYZ(48.7512, 49.6625, 65.4095)
contains.

XYZ(48.7392, 49.5933, 65.3961)	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(48.7392, 49.5933,
65.3961)**

Conversions

Conversions Part 1

Format	Color
Hex	BAB9CE
RGB	186, 185, 206
RGB Percent	73%, 73%, 81%
CMY	0.2706, 0.2745, 0.1922
CMYK	0.10, 0.10, 0.00, 0.19
HSL	243°, 18%, 77%
HSV	243°, 10%, 81%
XYZ	48.7392, 49.5933, 65.3961
YIQ	187.6930, -6.1450, 6.7430

Conversions

Conversions Part 2

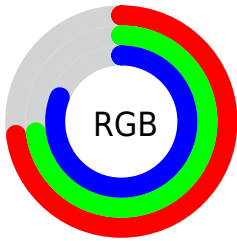
Format	Color
R _Y B	186, 185, 206
Decimal	12237262
CIE Lab	75.82, 4.43, -10.44
CIE LCh	76, 11.338, 293.023
Yxy	49.5933, 0.2977, 0.3029
Android (android.graphics.Color)	4290427342 (0xFFBAB9CE)
YUV	187.6930, 9.0254, -1.4848
Hunter-Lab	70.4225, 0.2999, -5.7624

Details

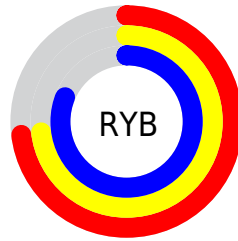
The XYZ color **48.7392, 49.5933, 65.3961** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.0070, 60.6259, 54.6515**, and the grayscale version is **47.5800, 50.0579, 54.5130**.

A 20% lighter version of the original color is **86.1232, 89.0078, 107.2488**, and **23.5916, 23.7561, 33.0477** is the 20% darker color. If you saturate the color by 10%, you get **40.2942, 39.3002, 63.8552**, and if you desaturate by 10%, it is **58.4661, 61.4768, 67.1779**.

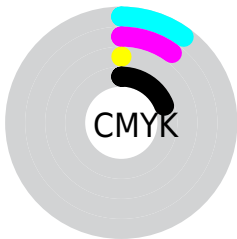
Distribution



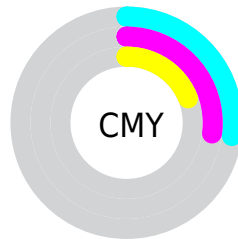
- Red (73%)
- Green (73%)
- Blue (81%)



- Red (73%)
- Yellow (73%)
- Blue (81%)



- Cyan (10%)
- Magenta (10%)
- Yellow (0%)
- Black (19%)



- Cyan (27%)
- Magenta (27%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.7392, 49.5933, 65.3961 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 48.7392, 49.5933, 65.3961 by changing the saturation by 10% instead.

■ 48.7392, 49.5933,
65.3961

■ 48.7392, 49.5933,
65.3961

372.2487,
385.0734, 462.5591

■ 34.6263, 35.0904,
47.3290

■ 87.5070, 89.5720,
114.2379

■ 23.5403, 23.7325,
32.9396

112.8927,
115.8165, 145.8496

■ 15.1159, 15.1353,
21.8094

142.7667,
146.7437, 182.8132

■ 8.9876, 8.9144,
13.5200

177.4943,
182.7380, 225.5473

■ 4.7901, 4.6854,
7.6526

217.4410,
224.1837, 274.4704

■ 2.1581, 2.0639,
3.7889

262.9721,

■ 0.7205, 0.6442,

271.4652, 330.0010

1.5103

314.4528,
324.9670, 392.5578

■ 0.0000, 0.0000,
0.2256

■ 0.0000, 0.0000,
0.0000

■ 48.7392, 49.5933,
65.3961

■ 48.7392, 49.5933,
65.3961

■ 40.2942, 39.3002,
63.8552

■ 58.4661, 61.4768,
67.1779

■ 33.0735, 30.5242,
62.5418

■ 69.5207, 75.0075,
69.2070

■ 27.0216, 23.1953,
61.4462

■ 81.9518, 90.2472,
71.4934

■ 22.0770, 17.2359,
60.5565

■ 88.1407, 97.2363,
72.5162

■ 18.1725, 12.5609,
59.8599

■ 15.2338, 9.0757,
59.3421

■ 13.1766, 6.6729,
58.9867

■ 11.9019, 5.2254,
58.7745

■ 11.2631, 4.5194,
58.6719

Harmonies

Analogous

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



46.6466, 49.5933, 66.3531



48.7392, 49.5933, 65.3961



50.4480, 49.5933, 61.2823

Triad

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



48.7392, 49.5933, 65.3961



49.6159, 49.5933, 45.2501



43.2290, 49.5933, 52.6016

Complementary

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



48.7392, 49.5933, 65.3961



56.0070, 60.6259, 54.6515

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.



43.9740, 49.5933, 47.3163



48.7392, 49.5933, 65.3961



47.6307, 49.5933, 43.2816

Square

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



48.7392, 49.5933, 65.3961



50.9646, 49.5933, 49.5869



45.5702, 49.5933, 44.0090



43.5059, 49.5933, 58.6647

Rectangle

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



48.7392, 49.5933, 65.3961



51.1187, 49.5933, 57.4577



45.5702, 49.5933, 44.0090



43.3675, 49.5933, 50.6814

Sweetspot

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



48.7407, 49.5954, 65.3972



90.0277, 93.8599, 107.9795



53.0528, 58.5780, 66.9037



18.9895, 19.7475, 23.0607



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.



48.7407, 49.5954, 65.3972



76.1312, 76.8916, 105.4368



51.3083, 50.9191, 65.5174



10.6502, 10.8690, 14.1070



6.9585, 2.7948, 36.1290



0.3766, 0.1533, 1.8647

Inverse Universe

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



53.8238, 52.2298, 65.0048



85.8202, 81.9133, 104.6738



53.2838, 59.2220, 54.5241



11.6637, 11.3942, 14.0294



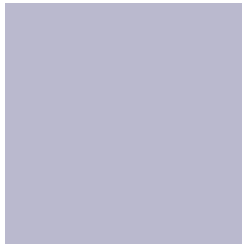
21.8348, 10.5445, 33.1782



1.1337, 0.5469, 1.7498

Previews

White Background



This preview shows how the XYZ color 48.7392, 49.5933, 65.3961 looks on a white background.

Color Contrast Check

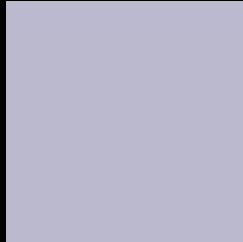
Large Text (above 18pt) WCAG AA × Fail

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 48.7392, 49.5933, 65.3961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

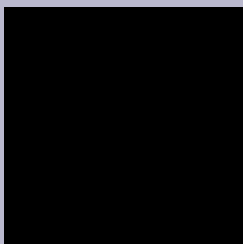
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

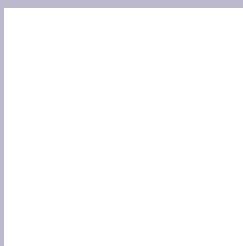
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.7392, 49.5933, 65.3961

Background



This preview shows how black text looks on a background with the XYZ color 48.7392, 49.5933, 65.3961.

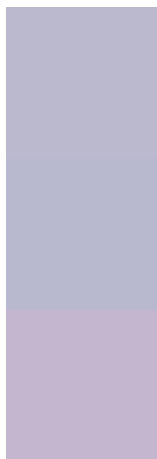


This preview shows how white text looks on a background with the XYZ color 48.7392, 49.5933,

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

48.7392, 49.5933, 65.3961

Protanopia

48.2567, 49.3445, 65.3736

Deuteranopia

50.7554, 49.6967, 65.9488



Tritanopia

48.1091, 49.6491, 62.3060

Trichromacy



Original Color

48.7392, 49.5933, 65.3961

Protanomaly

48.4971, 49.4684, 65.3848

Deuteranomaly

49.9342, 49.5784, 65.9693

Tritanomaly

48.3460, 49.7439, 63.5533

Monochromacy



Original Color

48.7392, 49.5933, 65.3961

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.1142, 50.0456, 58.7536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.7392, 49.5933, 65.3961 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, 185, 206) looks like.

```
.text, #text, p{  
    color:rgb(186, 185, 206)  
}
```

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, 185, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 185, 206) }
```

Border

The CSS property to change the border of an element to XYZ 48.7392, 49.5933, 65.3961 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, 185, 206) }
```


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

```
.border{ border-color:rgb(186, 185, 206) }
```

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

Here you see how a box with a 4 pixel rgb(186, 185, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 185, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 185, 206);  
box-shadow:4px 4px 4px 4px rgb(186, 185,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 48.7392, 49.5933, 65.3961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 185, 206) }
```

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

```
.background{ background-color: rgb(186,  
185, 206) }
```

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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