

Converting Colors

XYZ(50.3742, 49.5142, 65.2947)

Have a look what the booklet for
XYZ(50.3742, 49.5142, 65.2947)
contains.

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Color

**XYZ(50.3742, 49.5142,
65.2947)**

Conversions

Conversions Part 1

Format	Color
Hex	C3B6CE
RGB	195, 182, 206
RGB Percent	76%, 71%, 81%
CMY	0.2353, 0.2863, 0.1922
CMYK	0.05, 0.12, 0.00, 0.19
HSL	272°, 20%, 76%
HSV	272°, 12%, 81%
XYZ	50.3742, 49.5142, 65.2947
YIQ	188.6230, 0.0440, 10.2200

Conversions

Conversions Part 2

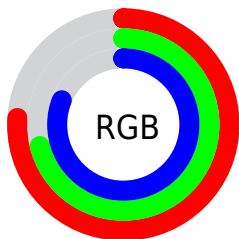
Format	Color
R_{YB}	195, 182, 206
Decimal	12826318
CIE _{Lab}	75.77, 9.07, -10.43
CIE _{LCh}	76, 13.824, 311.008
Yxy	49.5142, 0.3050, 0.2998
Android (android.graphics.Color)	4291016398 (0xFFC3B6CE)
YUV	188.6230, 8.5669, 5.5926
Hunter-Lab	70.3663, 4.6444, -5.7603

Details

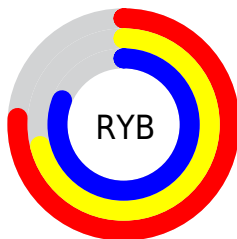
The XYZ color **50.3742, 49.5142, 65.2947** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.5089, 58.8587, 52.8517**, and the grayscale version is **48.1084, 50.6138, 55.1184**.

A 20% lighter version of the original color is **88.7694, 89.0645, 107.1203**, and **24.5023, 23.6302, 32.9754** is the 20% darker color. If you saturate the color by 10%, you get **44.0991, 40.4715, 63.8808**, and if you desaturate by 10%, it is **57.4272, 59.8818, 66.9249**.

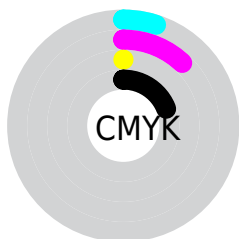
Distribution



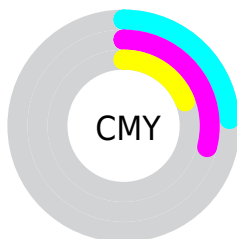
- Red (76%)
- Green (71%)
- Blue (81%)



- Red (76%)
- Yellow (71%)
- Blue (81%)



- Cyan (5%)
- Magenta (12%)
- Yellow (0%)
- Black (19%)



- Cyan (24%)
- Magenta (29%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.3742, 49.5142, 65.2947 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 50.3742, 49.5142, 65.2947 by changing the saturation by 10% instead.

■ 50.3742, 49.5142,
65.2947

■ 50.3742, 49.5142,
65.2947

378.5553,
384.7631, 462.1854

■ 35.9298, 35.0275,
47.2472

■ 89.9176, 89.4547,
114.0908

■ 24.5499, 23.6841,
32.8754

115.7473,
115.6773, 145.6764

■ 15.8689, 15.0994,
21.7607

146.1028,
146.5807, 182.6119

■ 9.5217, 8.8892,
13.4845

181.3495,
182.5492, 225.3158

■ 5.1428, 4.6690,
7.6284

221.8528,
223.9674, 274.2065

■ 2.3669, 2.0544,
3.7738

267.9779,

■ 0.8286, 0.6388,

271.2195, 329.7026

1.5021

320.0903,
324.6899, 392.2228

■ 0.0000, 0.0000,
0.2195

■ 0.0000, 0.0000,
0.0000

■ 50.3742, 49.5142,
65.2947

■ 50.3742, 49.5142,
65.2947

■ 44.0991, 40.4715,
63.8808

■ 57.4272, 59.8818,
66.9249

■ 38.5676, 32.6920,
62.6707

■ 65.2816, 71.6202,
68.7766

■ 33.7493, 26.1184,
61.6558

■ 73.9657, 84.7806,
70.8591

■ 29.6098, 20.6862,
60.8255

■ 80.4306, 93.2616,
72.1554

■ 26.1115, 16.3250,
60.1681

■ 83.5924, 94.8915,
72.3034

■ 23.2128, 12.9561,
59.6706

■ 86.9216, 96.6078,
72.4592

■ 20.8662, 10.4896,
59.3182

■ 88.1407, 97.2363,
72.5162

■ 19.0155, 8.8181,
59.0931

■ 17.7689, 7.8732,
58.9764

Harmonies

Analogous

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



48.0102, 49.5142, 69.0073



50.3742, 49.5142, 65.2947



51.8832, 49.5142, 58.6434

Triad

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



50.3742, 49.5142, 65.2947



48.6859, 49.5142, 41.6242



42.3826, 49.5142, 56.6561

Complementary

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



50.3742, 49.5142, 65.2947



52.5089, 58.8587, 52.8517

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.



42.5487, 49.5142, 49.4433



50.3742, 49.5142, 65.2947



46.1259, 49.5142, 41.1970

Square

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



50.3742, 49.5142, 65.2947



50.8843, 49.5142, 45.1616



43.8978, 49.5142, 43.9365



43.4357, 49.5142, 63.7266

Rectangle

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



50.3742, 49.5142, 65.2947



52.1696, 49.5142, 53.6644



43.8978, 49.5142, 43.9365



42.2987, 49.5142, 54.1615

Sweetspot

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



50.3757, 49.5163, 65.2958



91.3796, 94.5568, 108.0428



49.5480, 52.6316, 65.9407



19.3534, 19.9351, 23.0778



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.



50.3757, 49.5163, 65.2958



78.9337, 76.3271, 105.1801



53.2265, 50.9972, 64.9232



11.1725, 11.1382, 14.1314



11.0545, 4.9064, 36.3207



0.6572, 0.2979, 1.8778

Inverse Universe

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



51.8089, 50.4301, 57.4578



81.7414, 78.1163, 89.8709



49.8909, 57.4995, 53.1620



11.4226, 11.2978, 12.7601



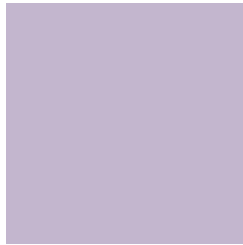
16.9772, 8.6015, 7.5985



0.9140, 0.4590, 0.5929

Previews

White Background



This preview shows how the XYZ color 50.3742, 49.5142, 65.2947 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 50.3742, 49.5142, 65.2947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

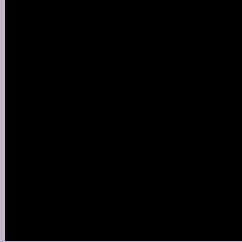
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.3742, 49.5142, 65.2947

Background



This preview shows how black text looks on a background with the XYZ color 50.3742, 49.5142, 65.2947.



This preview shows how white text looks on a background with the XYZ color 50.3742, 49.5142,

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

50.3742, 49.5142, 65.2947

Protanopia

48.5013, 49.4423, 66.6615

Deuteranopia

50.6335, 49.6479, 65.3068



Tritanopia

49.3747, 49.4135, 60.3615

Trichromacy



Original Color

50.3742, 49.5142, 65.2947

Protanomaly

49.1420, 49.4773, 65.9915

Deuteranomaly

50.6335, 49.6479, 65.3068

Tritanomaly

49.7242, 49.5534, 62.2023

Monochromacy



Original Color

50.3742, 49.5142, 65.2947

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.8951, 50.1343, 58.7296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3742, 49.5142, 65.2947 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(195, 182, 206)` looks like.

```
.text, #text, p{  
    color:rgb(195, 182, 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(195, 182, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 182, 206) }
```

Border

The CSS property to change the border of an element to XYZ 50.3742, 49.5142, 65.2947 is called "border". The border property can be set on classes, ids or directly on the HTML element.

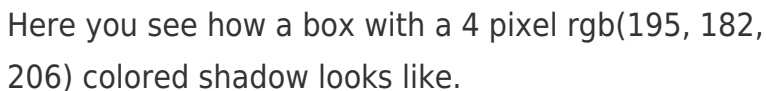
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 182, 206) }
```


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

```
.border{ border-color:rgb(195, 182, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 182, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 182, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 182, 206); box-shadow:4px 4px 4px 4px rgb(195, 182, 206) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3742, 49.5142, 65.2947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 182, 206) }
```

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

```
.background{ background-color: rgb(195,  
182, 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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