

Converting Colors

XYZ(49.4445, 49.8108, 61.4985)

Have a look what the booklet for
XYZ(49.4445, 49.8108, 61.4985)
contains.

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Color

**XYZ(49.3040, 49.6576,
61.6298)**

Conversions

Conversions Part 1

Format	Color
Hex	C0B8C8
RGB	192, 184, 200
RGB Percent	75%, 72%, 78%
CMY	0.2471, 0.2784, 0.2157
CMYK	0.04, 0.08, 0.00, 0.22
HSL	270°, 13%, 75%
HSV	270°, 8%, 78%
XYZ	49.3040, 49.6576, 61.6298
YIQ	188.2160, -0.3680, 6.6720

Conversions

Conversions Part 2

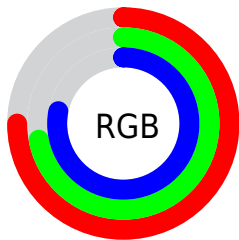
Format	Color
R_{YB}	192, 184, 200
Decimal	12630216
CIE Lab	75.86, 5.80, -7.06
CIE LCh	76, 9.141, 309.409
Yxy	49.6576, 0.3070, 0.3092
Android (android.graphics.Color)	4290820296 (0xFFC0B8C8)
YUV	188.2160, 5.8095, 3.3186
Hunter-Lab	70.4681, 1.5707, -2.5259

Details

The XYZ color **49.3040, 49.6576, 61.6298** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.0461, 55.9770, 53.4642**, and the grayscale version is **47.8921, 50.3862, 54.8706**.

A 20% lighter version of the original color is **87.9215, 89.4966, 107.2484**, and **23.9521, 23.7969, 30.5250** is the 20% darker color. If you saturate the color by 10%, you get **42.9929, 40.6677, 60.2280**, and if you desaturate by 10%, it is **56.3775, 59.9152, 63.2377**.

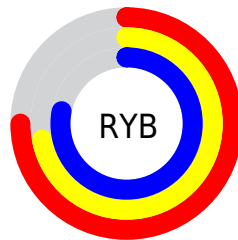
Distribution



Red (75%)

Green (72%)

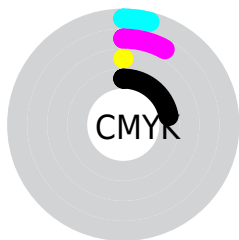
Blue (78%)



Red (75%)

Yellow (72%)

Blue (78%)

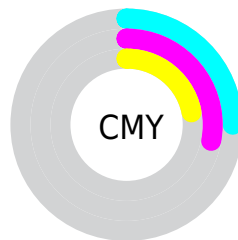


Cyan (4%)

Magenta (8%)

Yellow (0%)

Black (22%)



Cyan (25%)

Magenta (28%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.3040, 49.6576, 61.6298 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 49.3040, 49.6576, 61.6298 by changing the saturation by 10% instead.

■ 49.3040, 49.6576,
61.6298

■ 49.3040, 49.6576,
61.6298

374.4350,
385.3254, 448.5498

■ 35.0762, 35.1414,
44.2998

■ 88.3408, 89.6674,
108.7567

■ 23.8884, 23.7718,
30.5673

113.8805,
115.9297, 139.3907

■ 15.3751, 15.1644,
20.0139

143.9216,
146.8762, 175.2964

■ 9.1711, 8.9349,
12.2210

178.8294,
182.8914, 216.8924

■ 4.9110, 4.6987,
6.7700

218.9693,
224.3594, 264.5971

■ 2.2293, 2.0716,
3.2424

264.7067,

■ 0.7581, 0.6486,

271.6649, 318.8293

1.2197

316.4068,
325.1921, 380.0073

■ 0.0000, 0.0000,
0.0000

■ 49.3040, 49.6576,
61.6298

■ 49.3040, 49.6576,
61.6298

■ 42.9929, 40.6677,
60.2280

■ 56.3775, 59.9152,
63.2377

■ 37.4120, 32.8883,
59.0205

■ 64.2354, 71.4820,
65.0561

■ 32.5329, 26.2674,
57.9997

■ 72.9042, 84.4054,
67.0937

■ 28.3237, 20.7463,
57.1559

■ 79.4674, 92.8476,
68.3773

■ 24.7498, 16.2614,
56.4786

■ 82.8075, 94.5695,
68.5336

■ 21.7730, 12.7420,
55.9562

■ 86.3355, 96.3883,
68.6987

■ 19.3504, 10.1084,
55.5755

■ 87.4255, 96.9502,
68.7497

■ 17.4322, 8.2673,
55.3212

■ 15.9464, 7.0808,
55.1705

Harmonies

Analogous

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



47.7345, 49.6576, 63.8411



49.3040, 49.6576, 61.6298



50.3249, 49.6576, 57.4287

Triad

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



49.3040, 49.6576, 61.6298



48.3571, 49.6576, 45.7694



44.0459, 49.6576, 55.6137

Complementary

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



49.3040, 49.6576, 61.6298



51.0461, 55.9770, 53.4642

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.



44.2035, 49.6576, 50.8423



49.3040, 49.6576, 61.6298



46.6657, 49.6576, 45.3482

Square

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



49.3040, 49.6576, 61.6298



49.7692, 49.6576, 48.3401



45.1530, 49.6576, 47.1528



44.7170, 49.6576, 60.2329

Rectangle

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



49.3040, 49.6576, 61.6298



50.5430, 49.6576, 54.1653



45.1530, 49.6576, 47.1528



44.0040, 49.6576, 53.9721

Sweetspot

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



49.3055, 49.6597, 61.6309



92.5124, 96.3085, 108.3212



49.1026, 52.1788, 62.1278



19.8281, 20.6527, 23.1913



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.



49.3055, 49.6597, 61.6309



82.9108, 82.4568, 106.1536



51.3155, 50.6959, 61.7250



10.5534, 10.5435, 13.3964



10.0723, 4.4267, 35.0679



0.5605, 0.2527, 1.6644

Inverse Universe

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



50.4761, 50.3684, 56.9335



85.4629, 84.0017, 95.9131



49.1390, 54.9938, 53.3749



10.8514, 10.7239, 12.2006



16.6537, 8.4110, 8.6522



0.8251, 0.4129, 0.6022

Previews

White Background



This preview shows how the XYZ color 49.3040, 49.6576, 61.6298 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 49.3040, 49.6576, 61.6298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

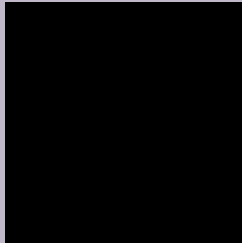
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.3040, 49.6576, 61.6298

Background



This preview shows how black text looks on a background with the XYZ color 49.3040, 49.6576, 61.6298.



This preview shows how white text looks on a background with the XYZ color 49.3040, 49.6576,

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

49.3040, 49.6576, 61.6298

Protanopia

48.3512, 49.7740, 62.3173

Deuteranopia

50.7065, 49.7681, 61.5773



Tritanopia

49.1875, 49.6110, 61.0162

Trichromacy



Original Color

49.3040, 49.6576, 61.6298

Protanomaly

48.6306, 49.6063, 62.2702

Deuteranomaly

50.1238, 49.7729, 61.6089

Tritanomaly

49.1875, 49.6110, 61.0162

Monochromacy



Original Color

49.3040, 49.6576, 61.6298

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.2710, 50.1652, 57.0079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.3040, 49.6576, 61.6298 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(192, 184, 200)` looks like.

```
.text, #text, p{  
    color:rgb(192, 184, 200)  
}
```

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(192, 184, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 184, 200) }
```

Border

The CSS property to change the border of an element to XYZ 49.3040, 49.6576, 61.6298 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(192, 184, 200) }
```


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

```
.border{ border-color:rgb(192, 184, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 184, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 184, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 184, 200);  
box-shadow:4px 4px 4px 4px rgb(192, 184,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 49.3040, 49.6576, 61.6298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 184, 200) }
```

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

```
.background{ background-color: rgb(192,  
184, 200) }
```

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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