

Converting Colors

XYZ(48.3640, 49.2524, 57.9965)

Have a look what the booklet for
XYZ(48.3640, 49.2524, 57.9965)
contains.

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Color

**XYZ(48.3640, 49.2524,
57.9965)**

Conversions

Conversions Part 1

Format	Color
Hex	BFB8C2
RGB	191, 184, 194
RGB Percent	75%, 72%, 76%
CMY	0.2510, 0.2784, 0.2392
CMYK	0.02, 0.05, 0.00, 0.24
HSL	282°, 8%, 74%
HSV	282°, 5%, 76%
XYZ	48.3640, 49.2524, 57.9965
YIQ	187.2330, 0.9620, 4.5940

Conversions

Conversions Part 2

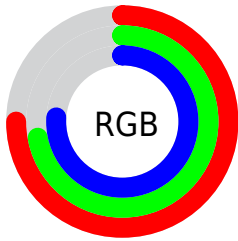
Format	Color
RYB	191, 184, 194
Decimal	12564674
CIELab	75.61, 4.31, -4.18
CIELCh	76, 6.005, 315.917
Yxy	49.2524, 0.3108, 0.3165
Android (android.graphics.Color)	4290754754 (0xFFBFB8C2)
YUV	187.2330, 3.3361, 3.3037
Hunter-Lab	70.1801, 0.1967, 0.1290

Details

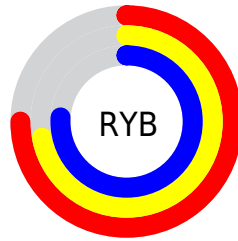
The XYZ color **48.3640, 49.2524, 57.9965** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.4388, 52.6103, 52.9517**, and the grayscale version is **47.3482, 49.8140, 54.2474**.

A 20% lighter version of the original color is **86.7732, 88.9965, 103.0471**, and **23.3312, 23.5293, 28.1229** is the 20% darker color. If you saturate the color by 10%, you get **43.1728, 40.9996, 56.6779**, and if you desaturate by 10%, it is **54.1689, 58.6447, 59.5042**.

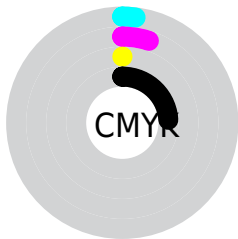
Distribution



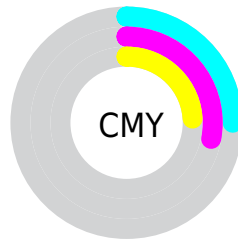
- Red (75%)
- Green (72%)
- Blue (76%)



- Red (75%)
- Yellow (72%)
- Blue (76%)



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



- Cyan (25%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.3640, 49.2524, 57.9965 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 48.3640, 49.2524, 57.9965 by changing the saturation by 10% instead.

■ 48.3640, 49.2524,
57.9965

■ 48.3640, 49.2524,
57.9965

370.7917,
383.7351, 434.7708

■ 34.3277, 34.8197,
41.3912

■ 86.9525, 89.0662,
103.4325

■ 23.3095, 23.5241,
28.3028

112.2355,
115.2161, 133.1002

■ 14.9442, 14.9809,
18.3130

141.9980,
146.0406, 167.9591

■ 8.8663, 8.8060,
11.0032

176.6054,
181.9241, 208.4278

■ 4.7105, 4.6149,
5.9548

216.4232,
223.2508, 254.9248

■ 2.1114, 2.0231,
2.7493

261.8166,

■ 0.6954, 0.6208,

270.4053, 307.8686

0.9681

313.1510,
323.7720, 367.6777

■ 0.0000, 0.0000,
0.0000

■ 48.3640, 49.2524,
57.9965

■ 48.3640, 49.2524,
57.9965

■ 43.1728, 40.9996,
56.6779

■ 54.1689, 58.6447,
59.5042

■ 38.5679, 33.8350,
55.5377

■ 60.6050, 69.2127,
61.2048

■ 34.5264, 27.7125,
54.5689

■ 67.6943, 80.9988,
63.1061

■ 31.0218, 22.5804,
53.7631

■ 73.3129, 89.7543,
64.5000

■ 28.0254, 18.3826,
53.1107

■ 75.0454, 90.6475,
64.5810

■ 25.5057, 15.0569,
52.6016

■ 76.8393, 91.5723,
64.6650

■ 23.4274, 12.5338,
52.2241

■ 78.6952, 92.5290,
64.7518

■ 21.7496, 10.7325,
51.9649

■ 80.6137, 93.5180,
64.8416

■ 20.4225, 9.5548,
51.8075

■ 82.5953, 94.5396,
64.9344

Harmonies

Analogous

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



47.4011, 49.2524, 59.7275



48.3640, 49.2524, 57.9965



48.9153, 49.2524, 55.1296

Triad

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



48.3640, 49.2524, 57.9965



47.3345, 49.2524, 47.9106



44.7889, 49.2524, 55.3226

Complementary

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



48.3640, 49.2524, 57.9965



48.4388, 52.6103, 52.9517

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.



44.7717, 49.2524, 52.1529



48.3640, 49.2524, 57.9965



46.2296, 49.2524, 47.9576

Square

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



48.3640, 49.2524, 57.9965



48.3146, 49.2524, 49.3524



45.2954, 49.2524, 49.4836



45.3427, 49.2524, 58.1426

Rectangle

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



48.3640, 49.2524, 57.9965



48.9697, 49.2524, 52.9993



45.2954, 49.2524, 49.4836



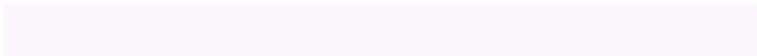
44.7205, 49.2524, 54.2606

Sweetspot

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



48.3654, 49.2545, 57.9976



90.7859, 94.3211, 105.8906



47.3124, 49.6989, 58.1388



19.9037, 20.6916, 23.1948



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.



48.3654, 49.2545, 57.9976



86.6918, 87.7399, 104.8361



48.9230, 49.5656, 56.9557



10.5243, 10.6189, 12.7798



13.1411, 6.0349, 34.0289



0.6346, 0.2952, 1.4734

Inverse Universe

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



48.3599, 49.3404, 53.9908



86.6842, 87.9252, 96.2872



47.9059, 52.3133, 53.9362



10.5236, 10.6434, 11.6599



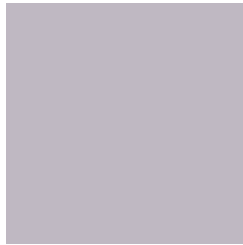
15.1652, 7.7558, 3.5162



0.6865, 0.3476, 0.3165

Previews

White Background



This preview shows how the XYZ color 48.3640, 49.2524, 57.9965 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 48.3640, 49.2524, 57.9965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

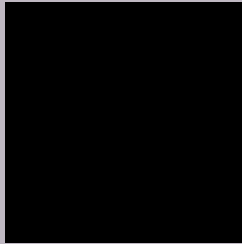
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.3640, 49.2524, 57.9965

Background



This preview shows how black text looks on a background with the XYZ color 48.3640, 49.2524, 57.9965.



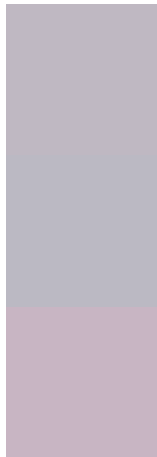
This preview shows how white text looks on a background with the XYZ color 48.3640, 49.2524,

57.9965.

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

48.3640, 49.2524, 57.9965

Protanopia

47.6928, 49.2028, 58.6132

Deuteranopia

50.1936, 49.2672, 58.4938



Tritanopia

48.8648, 49.1507, 60.3377

Trichromacy



Original Color

48.3640, 49.2524, 57.9965

Protanomaly

47.9383, 49.3294, 58.6247

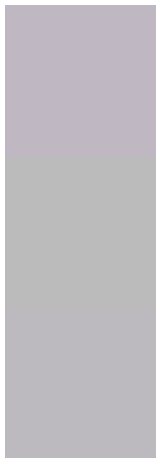
Deuteranomaly

49.6042, 49.2663, 58.5247

Tritanomaly

48.7498, 49.1047, 59.7321

Monochromacy



Original Color

48.3640, 49.2524, 57.9965

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.5922, 49.5269, 55.7665

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3640, 49.2524, 57.9965 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(191, 184, 194)` looks like.

```
.text, #text, p{  
    color:rgb(191, 184, 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(191, 184, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 184, 194) }
```

Border

The CSS property to change the border of an element to XYZ 48.3640, 49.2524, 57.9965 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(191, 184, 194) }
```


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

```
.border{ border-color:rgb(191, 184, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 184, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 184, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 184, 194);  
box-shadow:4px 4px 4px 4px rgb(191, 184,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3640, 49.2524, 57.9965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 184, 194) }
```

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

```
.background{ background-color: rgb(191,  
184, 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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