

Converting Colors

XYZ(62.5158, 59.4531, 42.1856)

Have a look what the booklet for
XYZ(62.5158, 59.4531, 42.1856)
contains.

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Color

**XYZ(62.6795, 59.5410,
42.3714)**

Conversions

Conversions Part 1

Format	Color
Hex	F4C0A2
RGB	244, 192, 162
RGB Percent	96%, 75%, 64%
CMY	0.0431, 0.2470, 0.3647
CMYK	0.00, 0.21, 0.34, 0.04
HSL	22°, 79%, 80%
HSV	22°, 34%, 96%
XYZ	62.6795, 59.5410, 42.3714
YIQ	204.1280, 40.6220, 1.6940

Conversions

Conversions Part 2

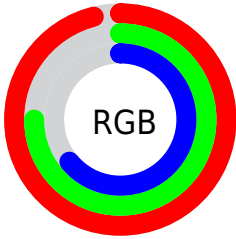
Format	Color
R_{YB}	244, 209, 162
Decimal	16040098
CIE _{Lab}	81.59, 14.57, 22.24
CIE _{LCh}	82, 26.588, 56.766
Yxy	59.5410, 0.3808, 0.3617
Android (android.graphics.Color)	4294230178 (0xFFFF4C0A2)
YUV	204.1280, -20.7691, 34.9677
Hunter-Lab	77.1628, 9.9610, 21.4568

Details

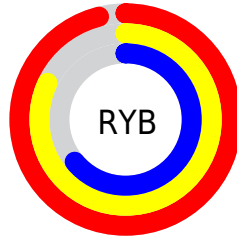
The XYZ color **62.6795, 59.5410, 42.3714** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.2753, 62.3042, 94.7008**, and the grayscale version is **57.5860, 60.5849, 65.9770**.

A 20% lighter version of the original color is **87.3318, 93.4046, 79.0716**, and **32.1527, 29.7419, 18.7980** is the 20% darker color. If you saturate the color by 10%, you get **57.4973, 52.3173, 30.9616**, and if you desaturate by 10%, it is **68.6428, 67.6530, 56.1190**.

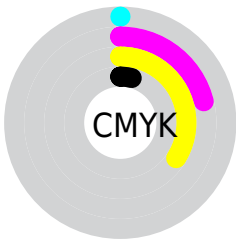
Distribution



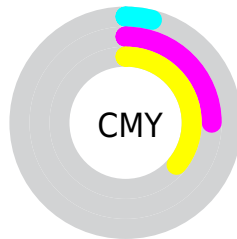
- Red (96%)
- Green (75%)
- Blue (64%)



- Red (96%)
- Yellow (82%)
- Blue (64%)



- Cyan (0%)
- Magenta (21%)
- Yellow (34%)
- Black (4%)





- Cyan (4%)
- Magenta (25%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.6795, 59.5410, 42.3714 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 62.6795, 59.5410, 42.3714 by changing the saturation by 10% instead.


 62.6795, 59.5410,
42.3714


 62.6795, 59.5410,
42.3714


424.0836,
422.9038, 371.8652

 45.8396, 43.0488,
29.0645


 107.7914,
104.1635, 80.0376

 32.3234, 29.9234,
18.8836


 136.7942,
133.0626, 105.2339

 21.7654, 19.7804,
11.4102


170.5820,
166.8662, 135.2304

 13.8002, 12.2355,
6.2259

209.5201,
205.9585, 170.4457

 8.0626, 6.9043,
2.9119

253.9740,
250.7240, 211.2983

 4.1872, 3.4023,
1.0498

304.3090,

 1.8086, 1.3452,

301.5472, 258.2067

0.0000

360.8904,
358.8123, 311.5895

■ 0.5228, 0.1758,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.6795, 59.5410,
42.3714

■ 62.6795, 59.5410,
42.3714

■ 57.4973, 52.3173,
30.9616

■ 68.6428, 67.6530,
56.1190

■ 53.0562, 45.9416,
21.7536

■ 75.4155, 76.6747,
72.3226

■ 49.3191, 40.3830,
14.6028

■ 83.0302, 86.6376,
91.0967

■ 46.2437, 35.6049,
9.3457

■ 90.7662, 97.2688,
108.5986

■ 43.7820, 31.5676,
5.7932

■ 91.1183, 97.9732,
108.7160

■ 41.8774, 28.2264,
3.7158

■ 40.9043, 26.4251,
2.9447

Harmonies

Analogous

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



66.7244, 59.5410, 51.9510



62.6795, 59.5410, 42.3714



57.1996, 59.5410, 38.7319

Triad

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



62.6795, 59.5410, 42.3714



46.5397, 59.5410, 63.1114



61.5636, 59.5410, 96.3245

Complementary

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



62.6795, 59.5410, 42.3714



55.2753, 62.3042, 94.7008

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.



55.9886, 59.5410, 100.6104



62.6795, 59.5410, 42.3714



47.5410, 59.5410, 79.6790

Square

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



62.6795, 59.5410, 42.3714



48.0821, 59.5410, 49.4026



50.9119, 59.5410, 94.0842



66.0509, 59.5410, 83.1750

Rectangle

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



62.6795, 59.5410, 42.3714



53.5525, 59.5410, 39.6307



50.9119, 59.5410, 94.0842



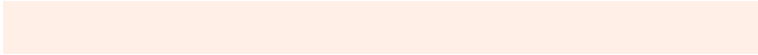
59.7442, 59.5410, 98.9343

Sweetspot

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



62.6810, 59.5438, 42.3726



86.2698, 88.5791, 87.0459



62.5334, 49.9961, 70.8471



18.2176, 18.6343, 18.0243



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.



62.6810, 59.5438, 42.3726



65.4733, 60.5270, 38.3691



72.6024, 79.3866, 45.6797



16.9956, 17.4754, 17.2749



22.3602, 14.6061, 1.6407



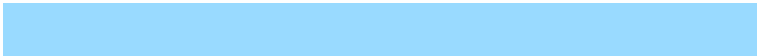
2.0597, 1.4726, 0.1757

Inverse Universe

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



55.2753, 62.3042, 94.7008



56.1745, 63.9676, 103.9940



46.4241, 44.6019, 91.7504



16.4572, 17.6787, 21.0875



15.3614, 16.5167, 48.9164



1.4478, 1.6471, 4.3318

Previews

White Background



This preview shows how the XYZ color 62.6795, 59.5410, 42.3714 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 62.6795, 59.5410, 42.3714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

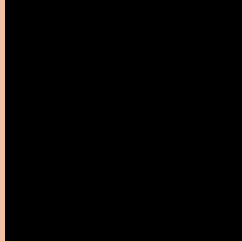
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.6795, 59.5410, 42.3714

Background



This preview shows how black text looks on a background with the XYZ color 62.6795, 59.5410, 42.3714.



This preview shows how white text looks on a background with the XYZ color 62.6795, 59.5410,

42.3714.

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

62.6795, 59.5410, 42.3714

Protanopia

56.3553, 59.9490, 45.1603

Deuteranopia

60.8732, 59.6079, 42.0153



Tritanopia

67.0243, 59.7142, 63.2518

Trichromacy



Original Color

62.6795, 59.5410, 42.3714

Protanomaly

58.5790, 59.7322, 44.0393

Deuteranomaly

61.6600, 59.6820, 41.9882

Tritanomaly

65.5250, 59.7572, 55.0945

Monochromacy



Original Color

62.6795, 59.5410, 42.3714

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

59.0530, 60.0427, 56.6211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6795, 59.5410, 42.3714 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(244, 192, 162)` looks like.

```
.text, #text, p{  
    color:rgb(244, 192, 162)  
}
```

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(244, 192, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 192, 162) }
```

Border

The CSS property to change the border of an element to XYZ 62.6795, 59.5410, 42.3714 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(244, 192, 162) }
```


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

```
.border{ border-color:rgb(244, 192, 162) }
```

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

Here you see how a box with a 4 pixel rgb(244, 192, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 192, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 192, 162);  
box-shadow:4px 4px 4px 4px rgb(244, 192,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6795, 59.5410, 42.3714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 192, 162) }
```

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

```
.background{ background-color: rgb(244,  
192, 162) }
```

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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