

Converting Colors

XYZ(58.0687, 51.1532, 42.3986)

Have a look what the booklet for
XYZ(58.0687, 51.1532, 42.3986)
contains.

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Color

**XYZ(58.1620, 51.0989,
42.3949)**

Conversions

Conversions Part 1

Format	Color
Hex	F2ACA5
RGB	242, 172, 165
RGB Percent	95%, 67%, 65%
CMY	0.0510, 0.3255, 0.3529
CMYK	0.00, 0.29, 0.32, 0.05
HSL	5°, 75%, 80%
HSV	5°, 32%, 95%
XYZ	58.1620, 51.0989, 42.3949
YIQ	192.1320, 43.9670, 12.6630

Conversions

Conversions Part 2

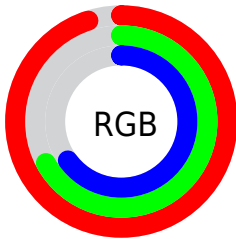
Format	Color
R _Y B	242, 173, 165
Decimal	15903909
CIE Lab	76.74, 24.76, 13.85
CIE LCh	77, 28.368, 29.228
Yxy	51.0989, 0.3835, 0.3369
Android (android.graphics.Color)	4294093989 (0xFFF2ACA5)
YUV	192.1320, -13.3761, 43.7342
Hunter-Lab	71.4835, 20.1390, 14.8752

Details

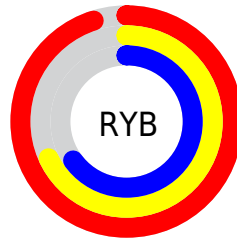
The XYZ color **58.1620, 51.0989, 42.3949** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.2513, 73.8242, 95.0257**, and the grayscale version is **50.2389, 52.8552, 57.5593**.

A 20% lighter version of the original color is **81.9017, 81.9141, 79.2045**, and **29.3446, 24.5763, 18.8198** is the 20% darker color. If you saturate the color by 10%, you get **52.3185, 42.6096, 30.5888**, and if you desaturate by 10%, it is **65.1180, 61.1458, 56.6290**.

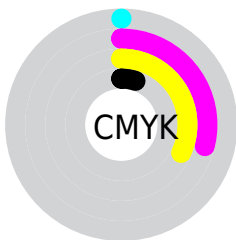
Distribution



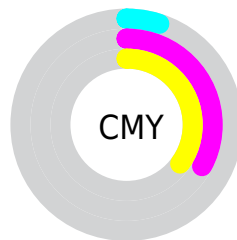
- Red (95%)
- Green (67%)
- Blue (65%)



- Red (95%)
- Yellow (68%)
- Blue (65%)



- Cyan (0%)
- Magenta (29%)
- Yellow (32%)
- Black (5%)



- Cyan (5%)
- Magenta (33%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.1620, 51.0989, 42.3949 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 58.1620, 51.0989, 42.3949 by changing the saturation by 10% instead.

58.1620, 51.0989,
42.3949

58.1620, 51.0989,
42.3949

407.7334,
390.9479, 371.9652

42.1827, 36.2873,
29.0828

101.2803, 91.8009,
80.0735

29.4361, 24.6562,
18.8973

129.1501,
118.4602, 105.2770

19.5569, 15.8211,
11.4200

161.7140,
149.8375, 135.2814

12.1797, 9.3976,
6.2324

199.3374,
186.3172, 170.5051

6.9393, 5.0014,
2.9158

242.3857,
228.2837, 211.3669

3.4702, 2.2481,
1.0518

291.2242,

1.4070, 0.7460,

276.1214, 258.2851

0.0000

346.2184,
330.2146, 311.6784

■ 0.2612, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.1620, 51.0989,
42.3949

■ 58.1620, 51.0989,
42.3949

■ 52.3185, 42.6096,
30.5888

■ 65.1180, 61.1458,
56.6290

■ 47.5259, 35.5930,
21.0722

■ 73.2359, 72.8151,
73.4130

■ 43.7225, 29.9673,
13.6973

■ 82.5671, 86.1769,
92.8642

■ 40.8388, 25.6397,
8.2976

■ 90.4280, 97.6173,
108.6837

■ 38.7960, 22.5059,
4.6823

■ 37.5018, 20.4457,
2.6224

■ 36.9052, 19.4517,
1.8094

Harmonies

Analogous

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



59.6581, 51.0989, 56.0381



58.1620, 51.0989, 42.3949



54.0527, 51.0989, 33.8757

Triad

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



58.1620, 51.0989, 42.3949



40.2144, 51.0989, 41.8207



48.4287, 51.0989, 90.8120

Complementary

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



58.1620, 51.0989, 42.3949



61.2513, 73.8242, 95.0257

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.



43.4675, 51.0989, 85.1575



58.1620, 51.0989, 42.3949



38.9451, 51.0989, 55.2398

Square

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



58.1620, 51.0989, 42.3949



43.6920, 51.0989, 33.5897



40.0916, 51.0989, 71.3864



53.7938, 51.0989, 85.6888

Rectangle

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



58.1620, 51.0989, 42.3949



50.5264, 51.0989, 31.3224



40.0916, 51.0989, 71.3864



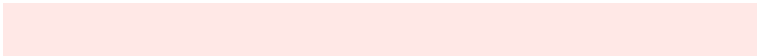
46.6609, 51.0989, 90.0942

Sweetspot

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



58.1634, 51.1013, 42.3959



84.2587, 84.5570, 86.3755



65.1532, 51.8200, 85.6084



17.7342, 17.6676, 17.8632



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.



58.1634, 51.1013, 42.3959



61.2234, 51.3385, 39.0754



66.4358, 67.6463, 45.1534



15.8884, 15.9899, 16.3987



19.8673, 10.5328, 0.9859



1.6919, 0.9544, 0.0951

Inverse Universe

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



61.2513, 73.8242, 95.0257



65.1822, 80.5232, 106.7148



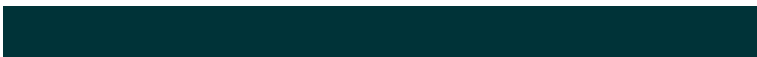
51.5297, 54.3810, 91.7852



16.1173, 17.6686, 20.2825



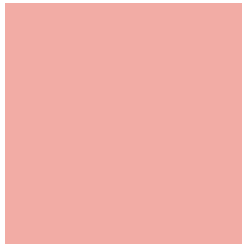
22.4097, 31.0437, 49.9388



1.8999, 2.6538, 4.1663

Previews

White Background



This preview shows how the XYZ color 58.1620, 51.0989, 42.3949 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 58.1620, 51.0989, 42.3949 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 58.1620, 51.0989, 42.3949

Background



This preview shows how black text looks on a background with the XYZ color 58.1620, 51.0989, 42.3949.



This preview shows how white text looks on a background with the XYZ color 58.1620, 51.0989,

42.3949.

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

58.1620, 51.0989, 42.3949

Protanopia

48.8635, 51.3215, 47.3751

Deuteranopia

52.4578, 51.4167, 41.8099



Tritanopia

59.9397, 50.9864, 50.9382

Trichromacy



Original Color

58.1620, 51.0989, 42.3949

Protanomaly

51.7247, 50.9534, 45.6369

Deuteranomaly

54.4995, 51.2514, 42.1420

Tritanomaly

59.1733, 50.9387, 47.7877

Monochromacy



Original Color

58.1620, 51.0989, 42.3949

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

52.3708, 51.7770, 51.4897

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1620, 51.0989, 42.3949 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(242, 172, 165)` looks like.

```
.text, #text, p{  
    color:rgb(242, 172, 165)  
}
```

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(242, 172, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 172, 165) }
```

Border

The CSS property to change the border of an element to XYZ 58.1620, 51.0989, 42.3949 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(242, 172, 165) }
```


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

```
.border{ border-color:rgb(242, 172, 165) }
```

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

Here you see how a box with a 4 pixel rgb(242, 172, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 172, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 172, 165);  
box-shadow:4px 4px 4px 4px rgb(242, 172,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1620, 51.0989, 42.3949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 172, 165) }
```

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

```
.background{ background-color: rgb(242,  
172, 165) }
```

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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