

Converting Colors

XYZ(58.9560, 53.8170, 40.8378)

Have a look what the booklet for
XYZ(58.9560, 53.8170, 40.8378)
contains.

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Color

**XYZ(59.0299, 53.9165,
41.0139)**

Conversions

Conversions Part 1

Format	Color
Hex	F1B4A1
RGB	241, 180, 161
RGB Percent	95%, 71%, 63%
CMY	0.0549, 0.2941, 0.3686
CMYK	0.00, 0.25, 0.33, 0.05
HSL	14°, 74%, 79%
HSV	14°, 33%, 95%
XYZ	59.0299, 53.9165, 41.0139
YIQ	196.0730, 42.4550, 7.0230

Conversions

Conversions Part 2

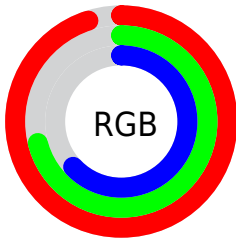
Format	Color
R _Y B	241, 186, 161
Decimal	15840417
CIE Lab	78.41, 19.64, 18.34
CIE LCh	78, 26.873, 43.040
Yxy	53.9165, 0.3834, 0.3502
Android (android.graphics.Color)	4294030497 (0xFFFF1B4A1)
YUV	196.0730, -17.2910, 39.4010
Hunter-Lab	73.4279, 15.0004, 18.2824

Details

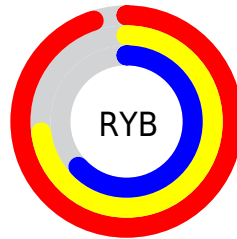
The XYZ color **59.0299, 53.9165, 41.0139** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **56.6955, 66.1682, 93.0027**, and the grayscale version is **52.5970, 55.3361, 60.2610**.

A 20% lighter version of the original color is **83.6301, 86.2088, 77.1979**, and **29.8781, 26.3502, 17.9793** is the 20% darker color. If you saturate the color by 10%, you get **53.6394, 46.2151, 29.7231**, and if you desaturate by 10%, it is **65.3246, 62.7704, 54.6280**.

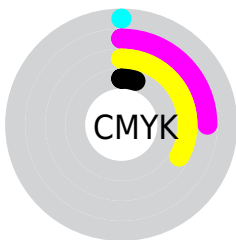
Distribution



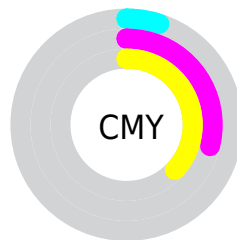
- Red (95%)
- Green (71%)
- Blue (63%)



- Red (95%)
- Yellow (73%)
- Blue (63%)



- Cyan (0%)
- Magenta (25%)
- Yellow (33%)
- Black (5%)





- Cyan (5%)
- Magenta (29%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.0299, 53.9165, 41.0139 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 59.0299, 53.9165, 41.0139 by changing the saturation by 10% instead.


 59.0299, 53.9165,
41.0139


 59.0299, 53.9165,
41.0139

410.9050,
401.7915, 366.0571

 42.8837, 38.5349,
28.0102


 102.5355, 95.9516,
77.9589

 29.9880, 26.3981,
18.0942


 130.6256,
123.3740, 102.7372

 19.9775, 17.1217,
10.8475


163.4276,
155.5787, 132.2775

 12.4868, 10.3213,
5.8515

201.3070,
192.9501, 166.9983

 7.1507, 5.6125,
2.6877

244.6291,
235.8728, 207.3181

 3.6037, 2.6109,
0.9372

293.7592,

 1.4805, 0.9322,

284.7309, 253.6555

0.0000

349.0627,
339.9091, 306.4289

■ 0.3125, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.0299, 53.9165,
41.0139

■ 59.0299, 53.9165,
41.0139

■ 53.6394, 46.2151,
29.7231

■ 65.3246, 62.7704,
54.6280

■ 49.1062, 39.6107,
20.6217

■ 72.5591, 72.8140,
70.6827

■ 45.3850, 34.0544,
13.5667

■ 80.7724, 84.0926,
89.2911

■ 42.4247, 29.4908,
8.3969

■ 89.6106, 96.4907,
108.5093

■ 40.1679, 25.8586,
4.9266

■ 90.0857, 97.4408,
108.6677

■ 38.5473, 23.0895,
2.9311

■ 37.7513, 21.6521,
2.1896

Harmonies

Analogous

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



61.7863, 53.9165, 52.3871



59.0299, 53.9165, 41.0139



54.2649, 53.9165, 35.0558

Triad

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



59.0299, 53.9165, 41.0139



42.1358, 53.9165, 50.6264



53.5709, 53.9165, 91.8310

Complementary

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



59.0299, 53.9165, 41.0139



56.6955, 66.1682, 93.0027

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.



48.3412, 53.9165, 91.1391



59.0299, 53.9165, 41.0139



41.9783, 53.9165, 65.5135

Square

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



59.0299, 53.9165, 41.0139



44.6247, 53.9165, 39.9165



44.1784, 53.9165, 80.8697



58.4919, 53.9165, 82.6234

Rectangle

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



59.0299, 53.9165, 41.0139



50.7095, 53.9165, 34.1952



44.1784, 53.9165, 80.8697



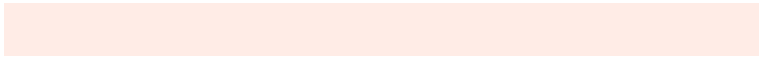
51.7863, 53.9165, 92.7895

Sweetspot

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



59.0313, 53.9190, 41.0150



85.3211, 86.6817, 86.7296



62.2504, 49.4829, 75.6122



17.9892, 18.1775, 17.9482



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.



59.0313, 53.9190, 41.0150



62.7577, 55.0957, 37.4638



68.2147, 72.2859, 44.0761



16.0776, 16.3684, 16.4617



20.5579, 11.9139, 1.2161



1.7846, 1.1399, 0.1260

Inverse Universe

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



56.6955, 66.1682, 93.0027



59.6980, 71.0146, 105.1685



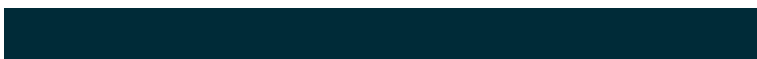
47.3719, 47.5211, 89.8949



15.9106, 17.2553, 20.2136



17.9855, 22.1952, 48.4640



1.5719, 1.9978, 4.0570

Previews

White Background



This preview shows how the XYZ color 59.0299, 53.9165, 41.0139 looks on a white background.

Color Contrast Check

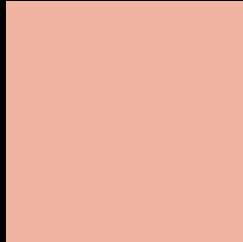
Large Text (above 18pt) WCAG AA × Fail

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 59.0299, 53.9165, 41.0139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

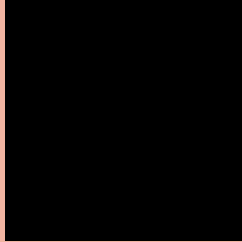
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.0299, 53.9165, 41.0139

Background



This preview shows how black text looks on a background with the XYZ color 59.0299, 53.9165, 41.0139.



This preview shows how white text looks on a background with the XYZ color 59.0299, 53.9165,

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

59.0299, 53.9165, 41.0139

Protanopia

51.2615, 54.2481, 44.8149

Deuteranopia

55.1668, 54.0863, 40.7898



Tritanopia

62.0189, 53.9579, 55.2903

Trichromacy



Original Color

59.0299, 53.9165, 41.0139

Protanomaly

53.6044, 53.8635, 43.1688

Deuteranomaly

56.4407, 53.8080, 40.6689

Tritanomaly

60.8210, 53.7536, 49.8177

Monochromacy



Original Color

59.0299, 53.9165, 41.0139

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

54.1121, 54.2429, 52.4177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0299, 53.9165, 41.0139 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(241, 180, 161)` looks like.

```
.text, #text, p{  
    color:rgb(241, 180, 161)  
}
```

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(241, 180, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 180, 161) }
```

Border

The CSS property to change the border of an element to XYZ 59.0299, 53.9165, 41.0139 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(241, 180, 161) }
```


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

```
.border{ border-color:rgb(241, 180, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 180, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 180, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 180, 161);  
box-shadow:4px 4px 4px 4px rgb(241, 180,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0299, 53.9165, 41.0139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 180, 161) }
```

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

```
.background{ background-color: rgb(241,  
180, 161) }
```

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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