

Converting Colors

XYZ(59.2962, 52.2831, 40.6526)

Have a look what the booklet for
XYZ(59.2962, 52.2831, 40.6526)
contains.

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Color

**XYZ(59.2253, 52.2578,
40.6835)**

Conversions

Conversions Part 1

Format	Color
Hex	F5AEA1
RGB	245, 174, 161
RGB Percent	96%, 68%, 63%
CMY	0.0392, 0.3176, 0.3686
CMYK	0.00, 0.29, 0.34, 0.04
HSL	9°, 81%, 80%
HSV	9°, 34%, 96%
XYZ	59.2253, 52.2578, 40.6835
YIQ	193.7470, 46.4890, 11.0090

Conversions

Conversions Part 2

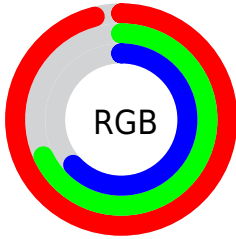
Format	Color
R _Y B	245, 176, 161
Decimal	16101025
CIE Lab	77.43, 24.33, 17.04
CIE LCh	77, 29.704, 35.014
Yxy	52.2578, 0.3892, 0.3434
Android (android.graphics.Color)	4294291105 (0xFFF5AEA1)
YUV	193.7470, -16.1443, 44.9489
Hunter-Lab	72.2896, 19.7345, 17.2351

Details

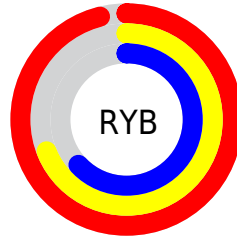
The XYZ color **59.2253, 52.2578, 40.6835** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.0350, 71.8804, 97.0965**, and the grayscale version is **51.2030, 53.8695, 58.6639**.

A 20% lighter version of the original color is **81.9315, 82.8115, 76.6317**, and **30.0912, 25.3437, 17.7738** is the 20% darker color. If you saturate the color by 10%, you get **53.5762, 44.0850, 29.1653**, and if you desaturate by 10%, it is **65.9172, 61.8383, 54.6388**.

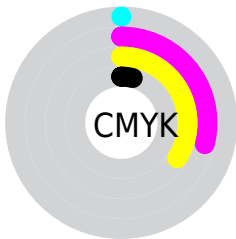
Distribution



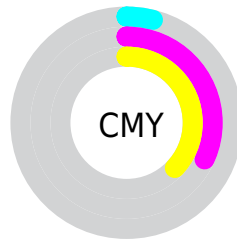
- Red (96%)
- Green (68%)
- Blue (63%)



- Red (96%)
- Yellow (69%)
- Blue (63%)



- Cyan (0%)
- Magenta (29%)
- Yellow (34%)
- Black (4%)





- Cyan (4%)
- Magenta (32%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.2253, 52.2578, 40.6835 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 59.2253, 52.2578, 40.6835 by changing the saturation by 10% instead.


 59.2253, 52.2578,
40.6835


 59.2253, 52.2578,
40.6835


411.6170,
395.4311, 364.6335

 43.0416, 37.2106,
27.7540

 102.8178, 93.5113,
77.4516

 30.1124, 25.3706,
17.9029


 130.9573,
120.4865, 102.1274

 20.0724, 16.3534,
10.7116


163.8127,
152.2063, 131.5557

 12.5563, 9.7746,
5.7615

201.7495,
189.0554, 166.1550

 7.1986, 5.2497,
2.6342

245.1330,
231.4180, 206.3439

 3.6340, 2.3945,
0.9100

294.3285,

 1.4973, 0.8231,

279.6785, 252.5409

0.0000

349.7014,
334.2214, 305.1646

■ 0.3240, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.2253, 52.2578,
40.6835

■ 59.2253, 52.2578,
40.6835

■ 53.5762, 44.0850,
29.1653

■ 65.9172, 61.8383,
54.6388

■ 48.9128, 37.2461,
19.9409

■ 73.6968, 72.8808,
71.1569

■ 45.1787, 31.6720,
12.8567

■ 82.6117, 85.4459,
90.3588

■ 42.3099, 27.2842,
7.7392

■ 91.4663, 98.1525,
108.7323

■ 40.2340, 23.9953,
4.3874

■ 38.8661, 21.7054,
2.5566

■ 38.3472, 20.7944,
1.9926

Harmonies

Analogous

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



61.4418, 52.2578, 54.1931



59.2253, 52.2578, 40.6835



54.4579, 52.2578, 32.8730

Triad

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



59.2253, 52.2578, 40.6835



40.3589, 52.2578, 44.6134



50.6362, 52.2578, 94.3666

Complementary

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



59.2253, 52.2578, 40.6835



60.0350, 71.8804, 97.0965

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.



45.1703, 52.2578, 90.4631



59.2253, 52.2578, 40.6835



39.5060, 52.2578, 59.6952

Square

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



59.2253, 52.2578, 40.6835



43.6267, 52.2578, 34.8183



41.2011, 52.2578, 76.9376



56.2460, 52.2578, 86.7675

Rectangle

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



59.2253, 52.2578, 40.6835



50.6308, 52.2578, 30.9509



41.2011, 52.2578, 76.9376



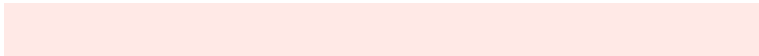
48.7204, 52.2578, 94.3685

Sweetspot

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



59.2267, 52.2603, 40.6845



84.7187, 85.4769, 86.5288



65.0238, 50.7517, 83.0114



17.8445, 17.8882, 17.8999



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.



59.2267, 52.2603, 40.6845



60.5336, 50.9810, 35.6944



68.5431, 70.8931, 43.7900



16.7062, 16.8966, 17.1784



20.7211, 11.3278, 1.0944



1.8815, 1.1163, 0.1163

Inverse Universe

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



60.0350, 71.8804, 97.0965



61.5225, 75.3706, 105.9131



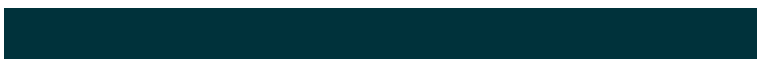
49.6801, 51.1707, 93.6449



16.7654, 18.2951, 21.1902



20.9918, 27.7773, 50.7932



1.9027, 2.5567, 4.4835

Previews

White Background



This preview shows how the XYZ color 59.2253, 52.2578, 40.6835 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 59.2253, 52.2578, 40.6835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

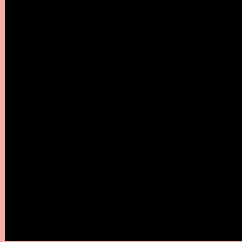
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.2253, 52.2578, 40.6835

Background



This preview shows how black text looks on a background with the XYZ color 59.2253, 52.2578, 40.6835.



This preview shows how white text looks on a background with the XYZ color 59.2253, 52.2578,

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

59.2253, 52.2578, 40.6835

Protanopia

49.7059, 52.4432, 45.5330

Deuteranopia

53.5227, 52.3138, 40.0775



Tritanopia

61.5724, 52.3607, 52.2088

Trichromacy



Original Color

59.2253, 52.2578, 40.6835

Protanomaly

52.6429, 52.0869, 43.8384

Deuteranomaly

55.2995, 52.0036, 40.3808

Tritanomaly

60.5950, 52.2325, 47.9625

Monochromacy



Original Color

59.2253, 52.2578, 40.6835

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.6544, 53.0642, 51.6705

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2253, 52.2578, 40.6835 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(245, 174, 161)` looks like.

```
.text, #text, p{  
    color:rgb(245, 174, 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(245, 174, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 174, 161) }
```

Border

The CSS property to change the border of an element to XYZ 59.2253, 52.2578, 40.6835 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(245, 174, 161) }
```


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

```
.border{ border-color:rgb(245, 174, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 174, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 174, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 174, 161);  
box-shadow:4px 4px 4px 4px rgb(245, 174,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2253, 52.2578, 40.6835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 174, 161) }
```

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

```
.background{ background-color: rgb(245,  
174, 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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