

Converting Colors

XYZ(59.6917, 52.0417, 59.2814)

Have a look what the booklet for
XYZ(59.6917, 52.0417, 59.2814)
contains.

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Color

**XYZ(59.6919, 52.0905,
59.1329)**

Conversions

Conversions Part 1

Format	Color
Hex	ECAEC4
RGB	236, 174, 196
RGB Percent	93%, 68%, 77%
CMY	0.0745, 0.3176, 0.2314
CMYK	0.00, 0.26, 0.17, 0.07
HSL	339°, 62%, 80%
HSV	339°, 26%, 93%
XYZ	59.6919, 52.0905, 59.1329
YIQ	195.0460, 29.8900, 19.9860

Conversions

Conversions Part 2

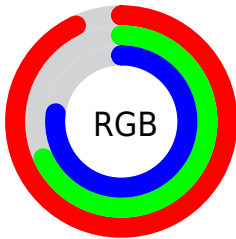
Format	Color
R_{YB}	236, 174, 196
Decimal	15511236
CIE _{Lab}	77.33, 25.88, -2.25
CIE _{LCh}	77, 25.975, 355.025
Yxy	52.0905, 0.3492, 0.3048
Android (android.graphics.Color)	4293701316 (0xFFECAEC4)
YUV	195.0460, 0.4703, 35.9167
Hunter-Lab	72.1737, 21.3259, 1.9445

Details

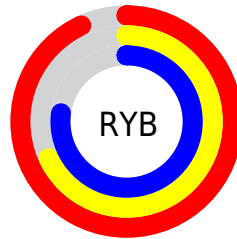
The XYZ color **59.6919, 52.0905, 59.1329** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.5907, 73.8459, 74.7348**, and the grayscale version is **51.8852, 54.5873, 59.4456**.

A 20% lighter version of the original color is **87.2664, 84.9455, 104.7252**, and **30.3103, 25.2114, 28.8600** is the 20% darker color. If you saturate the color by 10%, you get **53.8808, 43.1023, 49.0744**, and if you desaturate by 10%, it is **66.4829, 62.7558, 70.3871**.

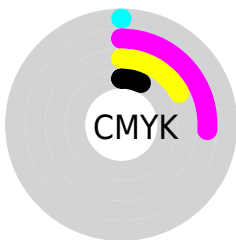
Distribution



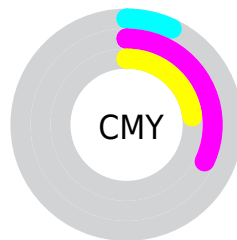
- Red (93%)
- Green (68%)
- Blue (77%)



- Red (93%)
- Yellow (68%)
- Blue (77%)



- Cyan (0%)
- Magenta (26%)
- Yellow (17%)
- Black (7%)





- Cyan (7%)
- Magenta (32%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6919, 52.0905, 59.1329 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 59.6919, 52.0905, 59.1329 by changing the saturation by 10% instead.


 59.6919, 52.0905,
59.1329

 59.6919, 52.0905,
59.1329


413.3142,
394.7859, 439.1098

 43.4189, 37.0772,
42.2994

 103.4915, 93.2647,
105.1018

 30.4098, 25.2673,
29.0085


131.7487,
120.1944, 135.0743

 20.2995, 16.2763,
18.8416


164.7315,
151.8650, 170.2636

 12.7225, 9.7199,
11.3802

202.8050,
188.6610, 211.0881

 7.3134, 5.2136,
6.2058

246.3346,
230.9666, 257.9664

 3.7069, 2.3731,
2.8998

295.6858,

 1.5377, 0.8120,

279.1664, 311.3171

1.0437

351.2239,
333.6447, 371.5588

■ 0.3513, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.6919, 52.0905,
59.1329

■ 59.6919, 52.0905,
59.1329

■ 53.8808, 43.1023,
49.0744

■ 66.4829, 62.7558,
70.3871

■ 48.9980, 35.6982,
40.1670

■ 74.2931, 75.1707,
82.8730

■ 44.9939, 29.7868,
32.3676

■ 83.1653, 89.4121,
96.6291

■ 41.8119, 25.2646,
25.6290

■ 88.4023, 96.5730,
108.5889

■ 39.3888, 22.0147,
19.9001

■ 37.6511, 19.9005,
15.1244

■ 36.5084, 18.7523,
11.2377

■ 36.1820, 18.4689,
9.9903

Harmonies

Analogous

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



57.7915, 52.0905, 73.9625



59.6919, 52.0905, 59.1329



58.7184, 52.0905, 45.8749

Triad

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



59.6919, 52.0905, 59.1329



45.5636, 52.0905, 35.2937



44.2143, 52.0905, 82.3301

Complementary

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



59.6919, 52.0905, 59.1329



59.5907, 73.8459, 74.7348

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.



41.3193, 52.0905, 69.1470



59.6919, 52.0905, 59.1329



42.0609, 52.0905, 42.3862

Square

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



59.6919, 52.0905, 59.1329



50.3467, 52.0905, 33.5204



40.5580, 52.0905, 54.3692



48.6835, 52.0905, 88.7146

Rectangle

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



59.6919, 52.0905, 59.1329



56.6026, 52.0905, 39.4228



40.5580, 52.0905, 54.3692



43.0370, 52.0905, 78.4496

Sweetspot

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



59.6934, 52.0929, 59.1340



86.8366, 86.8489, 96.0635



57.7963, 50.5169, 86.0619



18.2756, 18.0935, 20.0682



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.



59.6934, 52.0929, 59.1340



66.9627, 55.5817, 63.2944



59.0165, 54.4565, 47.4480



15.2862, 15.1423, 16.7925



19.9999, 10.2027, 5.8009



1.6148, 0.8189, 0.6890

Inverse Universe

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



59.6934, 52.0929, 59.1340



66.9627, 55.5817, 63.2944



60.2677, 70.3964, 89.7688



15.2862, 15.1423, 16.7925



19.9999, 10.2027, 5.8009



1.6148, 0.8189, 0.6890

Previews

White Background



This preview shows how the XYZ color 59.6919, 52.0905, 59.1329 looks on a white background.

Color Contrast Check

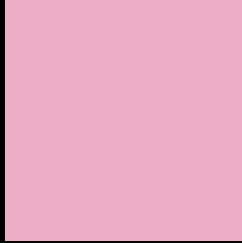
Large Text (above 18pt) WCAG AA × Fail

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 59.6919, 52.0905, 59.1329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

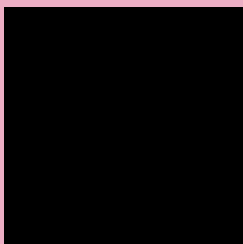
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.6919, 52.0905, 59.1329

Background



This preview shows how black text looks on a background with the XYZ color 59.6919, 52.0905, 59.1329.



This preview shows how white text looks on a background with the XYZ color 59.6919, 52.0905,

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

59.6919, 52.0905, 59.1329

Protanopia

51.0399, 52.3595, 65.8088

Deuteranopia

53.3811, 52.1483, 58.2911



Tritanopia

58.7762, 51.9962, 55.0825

Trichromacy



Original Color

59.6919, 52.0905, 59.1329

Protanomaly

53.5333, 51.8106, 63.0561

Deuteranomaly

55.5876, 52.0479, 58.7462

Tritanomaly

59.1053, 52.1279, 56.8157

Monochromacy



Original Color

59.6919, 52.0905, 59.1329

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

54.1990, 53.1824, 59.0384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6919, 52.0905, 59.1329 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(236, 174, 196)` looks like.

```
.text, #text, p{  
    color:rgb(236, 174, 196)  
}
```

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(236, 174, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 174, 196) }
```

Border

The CSS property to change the border of an element to XYZ 59.6919, 52.0905, 59.1329 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(236, 174, 196) }
```


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

```
.border{ border-color:rgb(236, 174, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 174, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 174, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 174, 196);  
box-shadow:4px 4px 4px 4px rgb(236, 174,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6919, 52.0905, 59.1329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 174, 196) }
```

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

```
.background{ background-color: rgb(236,  
174, 196) }
```

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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