

Converting Colors

XYZ(60.1983, 52.7512, 59.8872)

Have a look what the booklet for
XYZ(60.1983, 52.7512, 59.8872)
contains.

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Color

**XYZ(60.0001, 52.5240,
59.7991)**

Conversions

Conversions Part 1

Format	Color
Hex	ECAF C5
RGB	236, 175, 197
RGB Percent	93%, 69%, 77%
CMY	0.0745, 0.3137, 0.2274
CMYK	0.00, 0.26, 0.17, 0.07
HSL	338°, 62%, 81%
HSV	338°, 26%, 93%
XYZ	60.0001, 52.5240, 59.7991
YIQ	195.7470, 29.2940, 19.7740

Conversions

Conversions Part 2

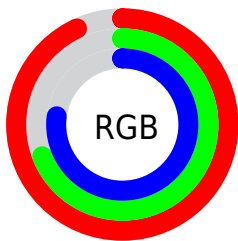
Format	Color
R _Y B	236, 175, 197
Decimal	15511493
CIE Lab	77.59, 25.50, -2.42
CIE LCh	78, 25.614, 354.584
Yxy	52.5240, 0.3482, 0.3048
Android (android.graphics.Color)	4293701573 (0xFFECAFC5)
YUV	195.7470, 0.6177, 35.3019
Hunter-Lab	72.4734, 20.9500, 1.8102

Details

The XYZ color **60.0001, 52.5240, 59.7991** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.8144, 73.9613, 74.7453**, and the grayscale version is **52.3032, 55.0270, 59.9244**.

A 20% lighter version of the original color is **87.7053, 85.5676, 105.6596**, and **30.5079, 25.4859, 29.2979** is the 20% darker color. If you saturate the color by 10%, you get **54.1587, 43.4707, 49.7442**, and if you desaturate by 10%, it is **66.8203, 63.2567, 71.0354**.

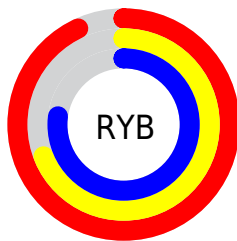
Distribution



Red (93%)

Green (69%)

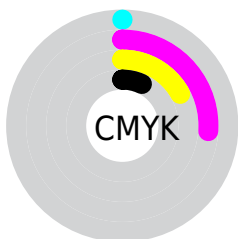
Blue (77%)



Red (93%)

Yellow (69%)

Blue (77%)

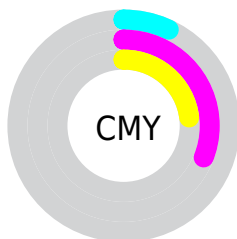


Cyan (0%)

Magenta (26%)

Yellow (17%)

Black (7%)



Cyan (7%)


Magenta (31%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.0001, 52.5240, 59.7991 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 60.0001, 52.5240, 59.7991 by changing the saturation by 10% instead.

 60.0001, 52.5240,
59.7991

 60.0001, 52.5240,
59.7991


414.4329,
396.4562, 441.6409

 43.6682, 37.4229,
42.8325

 103.9362, 93.9036,
106.0787

 30.6065, 25.5351,
29.4233


132.2710,
120.9508, 136.2288

 20.4498, 16.4762,
19.1529


165.3375,
152.7490, 171.6104

 12.8326, 9.8617,
11.6029

203.5011,
189.6823, 212.6421

 7.3895, 5.3074,
6.3547

247.1271,
232.1354, 259.7425

 3.7554, 2.4287,
2.9897

296.5808,

 1.5647, 0.8406,

280.4924, 313.3301

1.0894

352.2276,
335.1379, 373.8234

■ 0.3692, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.0001, 52.5240,
59.7991

■ 60.0001, 52.5240,
59.7991

■ 54.1587, 43.4707,
49.7442

■ 66.8203, 63.2567,
71.0354

■ 49.2448, 36.0041,
40.8269

■ 74.6584, 75.7410,
83.4882

■ 45.2089, 30.0333,
33.0051

■ 83.5567, 90.0535,
97.1954

■ 41.9953, 25.4553,
26.2327

■ 88.4024, 96.5730,
108.5889

■ 39.5409, 22.1539,
20.4595

■ 37.7732, 19.9936,
15.6306

■ 36.6033, 18.8077,
11.6833

■ 36.2362, 18.4906,
10.2753

Harmonies

Analogous

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



58.0799, 52.5240, 74.4681



60.0001, 52.5240, 59.7991



59.0785, 52.5240, 46.5918

Triad

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



60.0001, 52.5240, 59.7991



46.0701, 52.5240, 35.8276



44.6121, 52.5240, 82.3786

Complementary

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



60.0001, 52.5240, 59.7991



59.8144, 73.9613, 74.7453

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.



41.7650, 52.5240, 69.2839



60.0001, 52.5240, 59.7991



42.5670, 52.5240, 42.8148

Square

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



60.0001, 52.5240, 59.7991



50.8255, 52.5240, 34.1366



41.0416, 52.5240, 54.6573



49.0302, 52.5240, 88.8114

Rectangle

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



60.0001, 52.5240, 59.7991



57.0060, 52.5240, 40.1242



41.0416, 52.5240, 54.6573



43.4515, 52.5240, 78.5152

Sweetspot

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



60.0016, 52.5264, 59.8002



86.8544, 86.8561, 96.1573



58.0969, 50.9597, 86.1317



18.2800, 18.0953, 20.0918



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.



60.0016, 52.5264, 59.8002



67.7094, 56.6726, 64.7843



59.2928, 54.8524, 48.0228



15.2899, 15.1438, 16.8120



20.0303, 10.2148, 5.9609



1.6175, 0.8200, 0.7031

Inverse Universe

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



60.0016, 52.5264, 59.8002



67.7094, 56.6726, 64.7843



60.5280, 70.5851, 89.7917



15.2899, 15.1438, 16.8120



20.0303, 10.2148, 5.9609



1.6175, 0.8200, 0.7031

Previews

White Background



This preview shows how the XYZ color 60.0001, 52.5240, 59.7991 looks on a white background.

Color Contrast Check

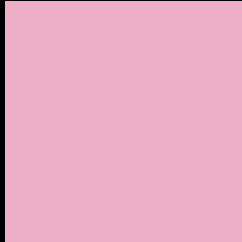
Large Text (above 18pt) WCAG AA × Fail

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 60.0001, 52.5240, 59.7991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

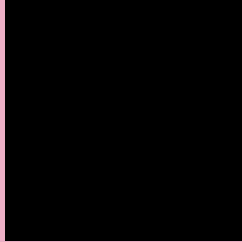
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.0001, 52.5240, 59.7991

Background



This preview shows how black text looks on a background with the XYZ color 60.0001, 52.5240, 59.7991.



This preview shows how white text looks on a background with the XYZ color 60.0001, 52.5240,

59.7991.

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

60.0001, 52.5240, 59.7991

Protanopia

51.3791, 52.8430, 66.5232

Deuteranopia

53.7037, 52.6133, 58.9546



Tritanopia

59.0805, 52.4305, 55.7214

Trichromacy



Original Color

60.0001, 52.5240, 59.7991

Protanomaly

53.8606, 52.2751, 63.7513

Deuteranomaly

55.9052, 52.5015, 59.4118

Tritanomaly

59.4119, 52.5631, 57.4664

Monochromacy



Original Color

60.0001, 52.5240, 59.7991

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

54.8110, 53.8008, 59.7203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0001, 52.5240, 59.7991 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, 175, 197)` looks like.

```
.text, #text, p{  
    color:rgb(236, 175, 197)  
}
```

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, 175, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 175, 197) }
```

Border

The CSS property to change the border of an element to XYZ 60.0001, 52.5240, 59.7991 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, 175, 197) }
```


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

```
.border{ border-color:rgb(236, 175, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 175, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 175, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 175, 197);  
box-shadow:4px 4px 4px 4px rgb(236, 175,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0001, 52.5240, 59.7991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 175, 197) }
```

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

```
.background{ background-color: rgb(236,  
175, 197) }
```

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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