

Converting Colors

XYZ(60.5118, 55.2119, 53.7283)

Have a look what the booklet for
XYZ(60.5118, 55.2119, 53.7283)
contains.

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Color

**XYZ(60.7215, 55.4167,
53.9505)**

Conversions

Conversions Part 1

Format	Color
Hex	EDB7BA
RGB	237, 183, 186
RGB Percent	93%, 72%, 73%
CMY	0.0706, 0.2823, 0.2706
CMYK	0.00, 0.23, 0.22, 0.07
HSL	357°, 60%, 82%
HSV	357°, 23%, 93%
XYZ	60.7215, 55.4167, 53.9505
YIQ	199.4880, 31.2210, 12.3810

Conversions

Conversions Part 2

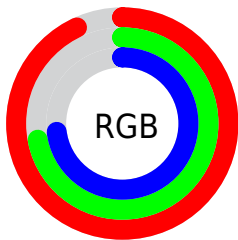
Format	Color
R _{YB}	237, 183, 186
Decimal	15579066
CIE Lab	79.28, 19.94, 6.02
CIE LCh	79, 20.826, 16.790
Yxy	55.4167, 0.3570, 0.3258
Android (android.graphics.Color)	4293769146 (0xFFEDB7BA)
YUV	199.4880, -6.6496, 32.8980
Hunter-Lab	74.4424, 15.3255, 9.1405

Details

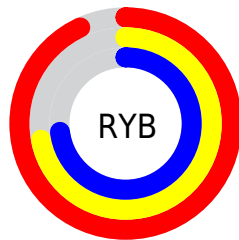
The XYZ color **60.7215, 55.4167, 53.9505** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.6662, 76.5775, 89.2185**, and the grayscale version is **54.6124, 57.4565, 62.5702**.

A 20% lighter version of the original color is **88.1335, 89.4038, 96.6159**, and **31.0387, 27.3620, 25.8358** is the 20% darker color. If you saturate the color by 10%, you get **54.0423, 45.5727, 40.8885**, and if you desaturate by 10%, it is **68.5997, 67.0610, 69.2527**.

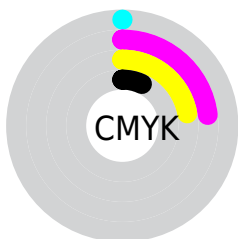
Distribution



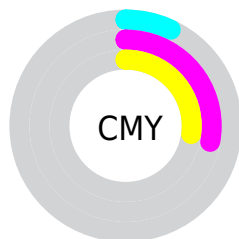
- Red (93%)
- Green (72%)
- Blue (73%)



- Red (93%)
- Yellow (72%)
- Blue (73%)



- Cyan (0%)
- Magenta (23%)
- Yellow (22%)
- Black (7%)



- Cyan (7%)
- Magenta (28%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7215, 55.4167, 53.9505 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 60.7215, 55.4167, 53.9505 by changing the saturation by 10% instead.

60.7215, 55.4167,
53.9505

60.7215, 55.4167,
53.9505

417.0444,
407.4896, 419.0905

44.2521, 39.7354,
38.1692

104.9760, 98.1512,
97.4572

31.0675, 27.3323,
25.8112

133.4918,
125.9733, 126.0197

20.8024, 17.8230,
16.4579

166.7538,
158.6110, 159.6797

13.0912, 10.8230,
9.6909

205.1274,
196.4489, 198.8557

7.5688, 5.9479,
5.0916

248.9779,
239.8713, 243.9662

3.8698, 2.8134,
2.2414

298.6707,

1.6287, 1.0351,

289.2626, 295.4298

0.6981

354.5710,
345.0073, 353.6651

■ 0.4110, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.7215, 55.4167,
53.9505

■ 60.7215, 55.4167,
53.9505

■ 54.0423, 45.5727,
40.8885

■ 68.5997, 67.0610,
69.2527

■ 48.4989, 37.4321,
29.9584

■ 77.7268, 80.5811,
86.8895

■ 44.0295, 30.9004,
21.0479

■ 88.1554, 96.0574,
106.9544

■ 40.5645, 25.8709,
14.0334

■ 88.7353, 96.7446,
108.6045

■ 38.0259, 22.2241,
8.7773

■ 36.3244, 19.8222,
5.1239

■ 35.3529, 18.4990,
2.8896

■ 34.9989, 18.0341,
2.0221

Harmonies

Analogous

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



60.8640, 55.4167, 65.7370



60.7215, 55.4167, 53.9505



58.3507, 55.4167, 45.1118

Triad

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



60.7215, 55.4167, 53.9505



47.0451, 55.4167, 45.9517



50.8619, 55.4167, 85.5505

Complementary

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



60.7215, 55.4167, 53.9505



64.6662, 76.5775, 89.2185

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.



47.3740, 55.4167, 78.6577



60.7215, 55.4167, 53.9505



45.2500, 55.4167, 55.2456

Square

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



60.7215, 55.4167, 53.9505



50.3911, 55.4167, 40.9283



45.3671, 55.4167, 67.2137



55.0205, 55.4167, 85.0832

Rectangle

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



60.7215, 55.4167, 53.9505



55.8933, 55.4167, 41.6107



45.3671, 55.4167, 67.2137



49.5767, 55.4167, 83.9826

Sweetspot

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



60.7230, 55.4192, 53.9516



87.0209, 88.0966, 93.4148



65.9562, 57.3751, 87.7195



18.4854, 18.6479, 19.7229



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.



60.7230, 55.4192, 53.9516



68.1215, 60.1574, 56.7189



65.6417, 65.7610, 54.0364



15.0993, 15.0676, 15.8084



19.1228, 9.8518, 1.1821



1.5136, 0.7784, 0.1558

Inverse Universe

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



60.7230, 55.4192, 53.9516



68.1215, 60.1574, 56.7189



58.7622, 64.0748, 89.3918



15.0993, 15.0676, 15.8084



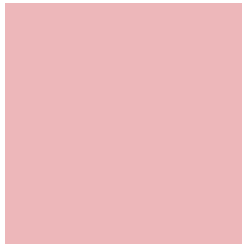
19.1228, 9.8518, 1.1821



1.5136, 0.7784, 0.1558

Previews

White Background



This preview shows how the XYZ color 60.7215, 55.4167, 53.9505 looks on a white background.

Color Contrast Check

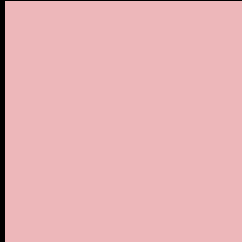
Large Text (above 18pt) WCAG AA × Fail

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 60.7215, 55.4167, 53.9505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

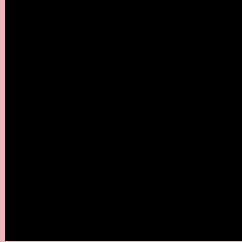
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.7215, 55.4167, 53.9505

Background



This preview shows how black text looks on a background with the XYZ color 60.7215, 55.4167, 53.9505.



This preview shows how white text looks on a background with the XYZ color 60.7215, 55.4167,

53.9505.

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

60.7215, 55.4167, 53.9505

Protanopia

53.4530, 55.7476, 58.3952

Deuteranopia

56.6856, 55.5453, 53.6326



Tritanopia

61.9516, 55.6186, 59.6948

Trichromacy



Original Color

60.7215, 55.4167, 53.9505

Protanomaly

55.6566, 55.2755, 56.4510

Deuteranomaly

57.8913, 55.2122, 53.5048

Tritanomaly

61.5023, 55.4388, 57.3284

Monochromacy



Original Color

60.7215, 55.4167, 53.9505

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.2481, 56.1811, 58.9184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7215, 55.4167, 53.9505 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(237, 183, 186)` looks like.

```
.text, #text, p{  
    color:rgb(237, 183, 186)  
}
```

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(237, 183, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 183, 186) }
```

Border

The CSS property to change the border of an element to XYZ 60.7215, 55.4167, 53.9505 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(237, 183, 186) }
```


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

```
.border{ border-color:rgb(237, 183, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 183, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 183, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 183, 186);  
box-shadow:4px 4px 4px 4px rgb(237, 183,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7215, 55.4167, 53.9505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 183, 186) }
```

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

```
.background{ background-color: rgb(237,  
183, 186) }
```

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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