

Converting Colors

XYZ(59.9238, 54.7490, 56.4732)

Have a look what the booklet for
XYZ(59.9238, 54.7490, 56.4732)
contains.

XYZ(59.7362, 54.5411, 56.6693)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(59.7362, 54.5411,
56.6693)**

Conversions

Conversions Part 1

Format	Color
Hex	E9B6BF
RGB	233, 182, 191
RGB Percent	91%, 71%, 75%
CMY	0.0863, 0.2863, 0.2510
CMYK	0.00, 0.22, 0.18, 0.09
HSL	349°, 54%, 81%
HSV	349°, 22%, 91%
XYZ	59.7362, 54.5411, 56.6693
YIQ	198.2750, 27.5070, 13.6110

Conversions

Conversions Part 2

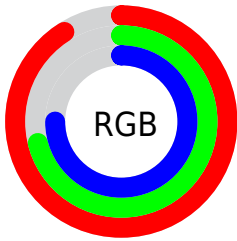
Format	Color
R_{YB}	233, 182, 191
Decimal	15316671
CIE _{Lab}	78.78, 19.77, 2.53
CIE _{LCh}	79, 19.932, 7.295
Yxy	54.5411, 0.3494, 0.3191
Android (android.graphics.Color)	4293506751 (0xFFE9B6BF)
YUV	198.2750, -3.5866, 30.4538
Hunter-Lab	73.8519, 15.1414, 6.2010

Details

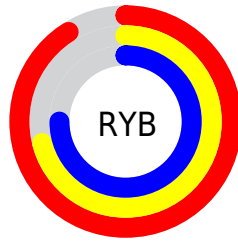
The XYZ color **59.7362, 54.5411, 56.6693** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.8871, 73.6061, 81.4701**, and the grayscale version is **53.8544, 56.6590, 61.7017**.

A 20% lighter version of the original color is **88.6030, 89.1245, 100.5285**, and **30.5692, 26.8826, 27.6224** is the 20% darker color. If you saturate the color by 10%, you get **53.3804, 44.9902, 44.8054**, and if you desaturate by 10%, it is **67.1657, 65.7955, 70.2575**.

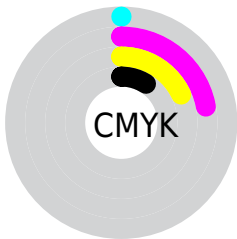
Distribution



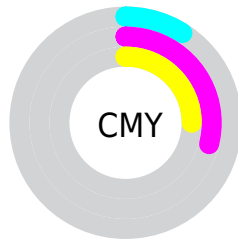
- Red (91%)
- Green (71%)
- Blue (75%)



- Red (91%)
- Yellow (71%)
- Blue (75%)



- Cyan (0%)
- Magenta (22%)
- Yellow (18%)
- Black (9%)





- Cyan (9%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.7362, 54.5411, 56.6693 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 59.7362, 54.5411, 56.6693 by changing the saturation by 10% instead.


 59.7362, 54.5411,
56.6693

 59.7362, 54.5411,
56.6693


413.4751,
404.1700, 429.6680

 43.4547, 39.0344,
40.3322


 103.5554, 96.8683,
101.4780

 30.4381, 26.7865,
27.4819


131.8238,
124.4576, 130.7867

 20.3211, 17.4130,
17.6998

164.8186,
156.8432, 165.2564

 12.7383, 10.5294,
10.5675

202.9051,
194.4095, 205.3056

 7.3243, 5.7513,
5.6663

246.4486,
237.5410, 251.3528

 3.7139, 2.6945,
2.5778

295.8145,

 1.5416, 0.9744,

286.6220, 303.8165

0.8810

351.3682,
342.0369, 363.1154

■ 0.3539, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.7362, 54.5411,
56.6693

■ 59.7362, 54.5411,
56.6693

■ 53.3804, 44.9902,
44.8054

■ 67.1657, 65.7955,
70.2575

■ 48.0437, 37.0525,
34.5931

■ 75.7110, 78.8229,
85.6319

■ 43.6739, 30.6408,
25.9594

■ 85.4173, 93.6982,
102.8556

■ 40.2118, 25.6566,
18.8247

■ 87.4145, 96.0638,
108.5427

■ 37.5919, 21.9898,
13.1020

■ 35.7395, 19.5142,
8.6953

■ 34.5662, 18.0784,
5.4958

■ 34.0065, 17.4846,
3.6897

Harmonies

Analogous

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



59.1592, 54.5411, 68.1751



59.7362, 54.5411, 56.6693



58.1133, 54.5411, 47.1681

Triad

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



59.7362, 54.5411, 56.6693



47.3767, 54.5411, 43.7216



48.9656, 54.5411, 81.7731

Complementary

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



59.7362, 54.5411, 56.6693



61.8871, 73.6061, 81.4701

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.



46.0346, 54.5411, 73.5502



59.7362, 54.5411, 56.6693



45.1502, 54.5411, 51.3867

Square

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



59.7362, 54.5411, 56.6693



50.8822, 54.5411, 40.3337



44.6716, 54.5411, 62.1881



52.8091, 54.5411, 83.6541

Rectangle

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



59.7362, 54.5411, 56.6693



56.0486, 54.5411, 42.9129



44.6716, 54.5411, 62.1881



47.8470, 54.5411, 79.6127

Sweetspot

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



59.7377, 54.5436, 56.6704



87.3403, 88.2243, 95.0967



62.0698, 55.1331, 84.4617



18.5591, 18.6774, 20.1110



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.



59.7377, 54.5436, 56.6704



69.8448, 61.7149, 63.1173



62.2779, 61.1600, 52.7816



15.1739, 15.0974, 16.2012



19.3277, 9.9338, 2.2608



1.5490, 0.7926, 0.3426

Inverse Universe

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



59.7377, 54.5436, 56.6704



69.8448, 61.7149, 63.1173



58.7756, 65.3786, 86.6129



15.1739, 15.0974, 16.2012



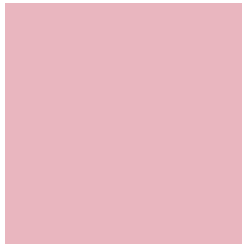
19.3277, 9.9338, 2.2608



1.5490, 0.7926, 0.3426

Previews

White Background



This preview shows how the XYZ color 59.7362, 54.5411, 56.6693 looks on a white background.

Color Contrast Check

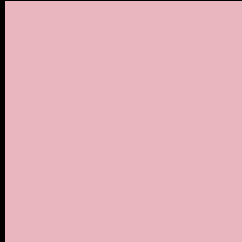
Large Text (above 18pt) WCAG AA × Fail

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 59.7362, 54.5411, 56.6693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

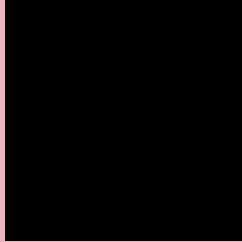
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.7362, 54.5411, 56.6693

Background



This preview shows how black text looks on a background with the XYZ color 59.7362, 54.5411, 56.6693.



This preview shows how white text looks on a background with the XYZ color 59.7362, 54.5411,

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

59.7362, 54.5411, 56.6693

Protanopia

52.7735, 54.6666, 61.1963

Deuteranopia

55.8108, 54.7118, 56.3341



Tritanopia

60.3059, 54.4803, 58.9670

Trichromacy



Original Color

59.7362, 54.5411, 56.6693

Protanomaly

55.1278, 54.6159, 59.2661

Deuteranomaly

56.9774, 54.3651, 56.2057

Tritanomaly

60.1932, 54.4352, 58.3735

Monochromacy



Original Color

59.7362, 54.5411, 56.6693

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.5639, 55.4883, 59.4115

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7362, 54.5411, 56.6693 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(233, 182, 191)` looks like.

```
.text, #text, p{  
    color:rgb(233, 182, 191)  
}
```

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(233, 182, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 182, 191) }
```

Border

The CSS property to change the border of an element to XYZ 59.7362, 54.5411, 56.6693 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(233, 182, 191) }
```


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

```
.border{ border-color:rgb(233, 182, 191) }
```

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

Here you see how a box with a 4 pixel rgb(233, 182, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 182, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 182, 191);  
box-shadow:4px 4px 4px 4px rgb(233, 182,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7362, 54.5411, 56.6693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 182, 191) }
```

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

```
.background{ background-color: rgb(233,  
182, 191) }
```

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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