

Converting Colors

XYZ(64.5421, 60.8251, 60.1406)

Have a look what the booklet for
XYZ(64.5421, 60.8251, 60.1406)
contains.

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Color

**XYZ(64.4020, 60.7008,
59.9518)**

Conversions

Conversions Part 1

Format	Color
Hex	EEC2C3
RGB	238, 194, 195
RGB Percent	93%, 76%, 76%
CMY	0.0667, 0.2392, 0.2353
CMYK	0.00, 0.18, 0.18, 0.07
HSL	359°, 56%, 85%
HSV	359°, 18%, 93%
XYZ	64.4020, 60.7008, 59.9518
YIQ	207.2700, 25.9030, 9.6390

Conversions

Conversions Part 2

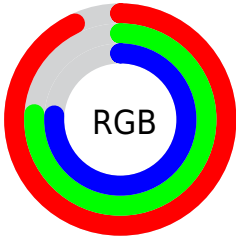
Format	Color
R _Y B	238, 194, 195
Decimal	15647427
CIE Lab	82.22, 15.81, 5.42
CIE LCh	82, 16.711, 18.911
Yxy	60.7008, 0.3480, 0.3280
Android (android.graphics.Color)	4293837507 (0xFFEEC2C3)
YUV	207.2700, -6.0491, 26.9502
Hunter-Lab	77.9107, 11.2066, 8.9142

Details

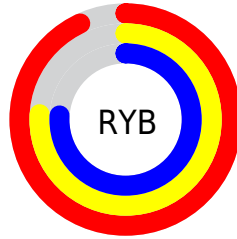
The XYZ color **64.4020, 60.7008, 59.9518** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.1111, 78.7343, 91.7321**, and the grayscale version is **59.5097, 62.6088, 68.1810**.

A 20% lighter version of the original color is **93.3079, 97.2826, 105.9550**, and **33.4772, 30.6243, 29.3460** is the 20% darker color. If you saturate the color by 10%, you get **57.0949, 49.9724, 45.5353**, and if you desaturate by 10%, it is **72.9705, 73.2951, 76.8115**.

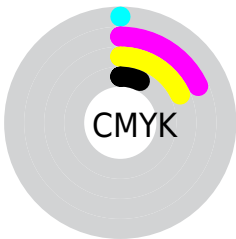
Distribution



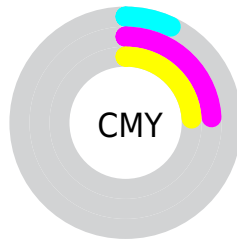
- Red (93%)
- Green (76%)
- Blue (76%)



- Red (93%)
- Yellow (76%)
- Blue (76%)



- Cyan (0%)
- Magenta (18%)
- Yellow (18%)
- Black (7%)





- Cyan (7%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.4020, 60.7008, 59.9518 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 64.4020, 60.7008, 59.9518 by changing the saturation by 10% instead.


 64.4020, 60.7008,
59.9518

 64.4020, 60.7008,
59.9518


430.2191,
427.1761, 442.2198

 47.2392, 43.9837,
42.9547


 110.2602,
105.8456, 106.3024

 33.4336, 30.6577,
29.5185


139.6863,
135.0421, 136.4931

 22.6196, 20.3384,
19.2244


173.9310,
169.1673, 171.9187

 14.4320, 12.6412,
11.6541

213.3595,
208.6054, 212.9978

 8.5055, 7.1820,
6.3889

258.3372,
253.7410, 260.1489

 4.4746, 3.5762,
3.0104


309.2294,


 1.9740, 1.4394,


304.9584, 313.7906


1.1000


366.4017,
362.6420, 374.3414


 0.6193, 0.2455,
0.0000


 0.0000, 0.0000,
0.0000


 64.4020, 60.7008,
59.9518


 64.4020, 60.7008,
59.9518


 57.0949, 49.9724,
45.5353


 72.9705, 73.2951,
76.8115

 50.9849, 41.0136,
33.4452

 82.8507, 87.8294,
96.2163

 46.0098, 33.7317,
23.5607

 89.0702, 96.9173,
108.6201

 42.0996, 28.0225,
15.7488

■ 39.1768, 23.7702,
9.8622

■ 37.1530, 20.8429,
5.7340

■ 35.9245, 19.0851,
3.1691

■ 35.3481, 18.2751,
1.9202

■ 35.2897, 18.1891,
1.8055

Harmonies

Analogous

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



64.6620, 60.7008, 69.9279



64.4020, 60.7008, 59.9518



62.3020, 60.7008, 52.4152

Triad

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



64.4020, 60.7008, 59.9518



52.6966, 60.7008, 54.0491



56.3902, 60.7008, 87.2138

Complementary

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



64.4020, 60.7008, 59.9518



68.1111, 78.7343, 91.7321

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.



53.3195, 60.7008, 81.9643



64.4020, 60.7008, 59.9518



51.2461, 60.7008, 62.4006

Square

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



64.4020, 60.7008, 59.9518



55.5082, 60.7008, 49.2566



51.4693, 60.7008, 72.6396



59.9371, 60.7008, 86.3853

Rectangle

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



64.4020, 60.7008, 59.9518



60.1876, 60.7008, 49.4659



51.4693, 60.7008, 72.6396



55.2708, 60.7008, 86.0817

Sweetspot

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



64.4037, 60.7036, 59.9531



88.0469, 89.6977, 95.1469



69.4955, 62.6836, 89.3259



18.6898, 18.9698, 20.0591



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.



64.4037, 60.7036, 59.9531



72.0856, 66.2389, 63.7337



69.1810, 70.4378, 60.9919



15.7873, 15.7646, 16.4362



19.6942, 10.1501, 1.0405



1.6434, 0.8464, 0.1132

Inverse Universe

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



64.4037, 60.7036, 59.9531



72.0856, 66.2389, 63.7337



62.6164, 67.5114, 90.6203



15.7873, 15.7646, 16.4362



19.6942, 10.1501, 1.0405



1.6434, 0.8464, 0.1132

Previews

White Background



This preview shows how the XYZ color 64.4020, 60.7008, 59.9518 looks on a white background.

Color Contrast Check

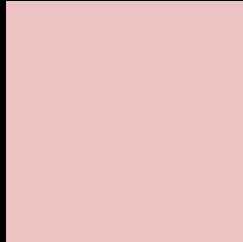
Large Text (above 18pt) WCAG AA × Fail

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 64.4020, 60.7008, 59.9518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

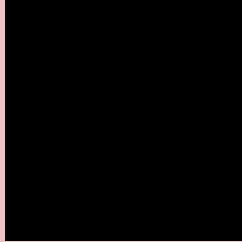
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.4020, 60.7008, 59.9518

Background



This preview shows how black text looks on a background with the XYZ color 64.4020, 60.7008, 59.9518.



This preview shows how white text looks on a background with the XYZ color 64.4020, 60.7008,

59.9518.

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

64.4020, 60.7008, 59.9518

Protanopia

58.3127, 60.9112, 63.3272

Deuteranopia

61.9266, 60.7772, 59.5062



Tritanopia

65.7087, 60.5550, 67.2565

Trichromacy



Original Color

64.4020, 60.7008, 59.9518

Protanomaly

60.3625, 60.6014, 61.9419

Deuteranomaly

62.9826, 60.9834, 59.4904

Tritanomaly

65.4461, 60.8024, 64.7866

Monochromacy



Original Color

64.4020, 60.7008, 59.9518

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.8135, 61.4583, 65.1573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.4020, 60.7008, 59.9518 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(238, 194, 195)` looks like.

```
.text, #text, p{  
    color:rgb(238, 194, 195)  
}
```

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(238, 194, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 194, 195) }
```

Border

The CSS property to change the border of an element to XYZ 64.4020, 60.7008, 59.9518 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(238, 194, 195) }
```


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

```
.border{ border-color:rgb(238, 194, 195) }
```

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

Here you see how a box with a 4 pixel rgb(238, 194, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 194, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 194, 195);  
box-shadow:4px 4px 4px 4px rgb(238, 194,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 64.4020, 60.7008, 59.9518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 194, 195) }
```

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

```
.background{ background-color: rgb(238,  
194, 195) }
```

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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