

Converting Colors

XYZ(64.2104, 60.3382, 60.4713)

Have a look what the booklet for
XYZ(64.2104, 60.3382, 60.4713)
contains.

XYZ(64.2937, 60.3026, 60.4755)	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(64.2937, 60.3026,
60.4755)**

Conversions

Conversions Part 1

Format	Color
Hex	EEC1C4
RGB	238, 193, 196
RGB Percent	93%, 76%, 77%
CMY	0.0667, 0.2431, 0.2314
CMYK	0.00, 0.19, 0.18, 0.07
HSL	356°, 57%, 85%
HSV	356°, 19%, 93%
XYZ	64.2937, 60.3026, 60.4755
YIQ	206.7970, 25.8570, 10.4730

Conversions

Conversions Part 2

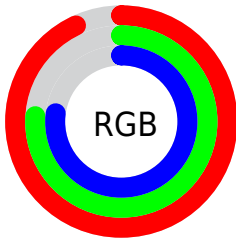
Format	Color
R _Y B	238, 193, 196
Decimal	15647172
CIE Lab	82.00, 16.49, 4.57
CIE LCh	82, 17.112, 15.487
Yxy	60.3026, 0.3474, 0.3258
Android (android.graphics.Color)	4293837252 (0xFFEEC1C4)
YUV	206.7970, -5.3229, 27.3650
Hunter-Lab	77.6547, 11.8920, 8.1848

Details

The XYZ color **64.2937, 60.3026, 60.4755** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.5647, 78.4862, 90.1895**, and the grayscale version is **59.2004, 62.2835, 67.8267**.

A 20% lighter version of the original color is **93.1552, 96.7231, 106.6881**, and **33.4065, 30.3633, 29.6912** is the 20% darker color. If you saturate the color by 10%, you get **57.1055, 49.6774, 46.5140**, and if you desaturate by 10%, it is **72.7063, 72.7763, 76.6938**.

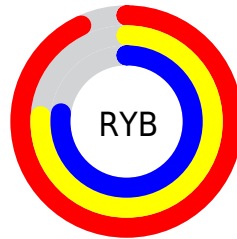
Distribution



Red (93%)

Green (76%)

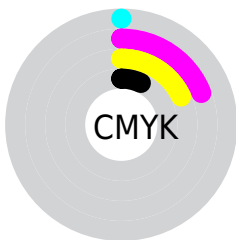
Blue (77%)



Red (93%)

Yellow (76%)

Blue (77%)

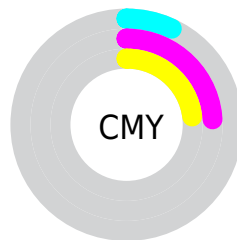


Cyan (0%)

Magenta (19%)

Yellow (18%)

Black (7%)



Cyan (7%)

Magenta (24%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.2937, 60.3026, 60.4755 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 64.2937, 60.3026, 60.4755 by changing the saturation by 10% instead.

64.2937, 60.3026,
60.4755

64.2937, 60.3026,
60.4755

429.8349,
425.7122, 444.2014

47.1512, 43.6626,
43.3742

110.1052,
105.2685, 107.0692

33.3636, 30.4053,
29.8453

139.5048,
134.3632, 137.3988

22.5657, 20.1465,
19.4701

173.7209,
168.3782, 172.9748

14.3921, 12.5015,
11.8302

213.1187,
207.6980, 214.2159

8.4774, 7.0862,
6.5070

258.0637,
252.7068, 261.5406

4.4563, 3.5161,
3.0820

308.9211,

1.9634, 1.4067,

303.7893, 315.3674

1.1367

366.0564,
361.3296, 376.1148

■ 0.6133, 0.2217,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.2937, 60.3026,
60.4755

■ 64.2937, 60.3026,
60.4755

■ 57.1055, 49.6774,
46.5140

■ 72.7063, 72.7763,
76.6938

■ 51.0800, 40.8052,
34.7056

■ 82.3914, 87.1718,
95.2586

■ 46.1574, 33.5941,
24.9443

■ 89.0702, 96.9173,
108.6201

■ 42.2708, 27.9407,
17.1136

■ 39.3460, 23.7302,
11.0851

■ 37.2986, 20.8317,
6.7151

■ 36.0300, 19.0907,
3.8376

■ 35.3999, 18.2784,
2.2465

■ 35.3525, 18.2142,
2.1366

Harmonies

Analogous

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



64.3268, 60.3026, 70.7863



64.2937, 60.3026, 60.4755



62.3390, 60.3026, 52.4369

Triad

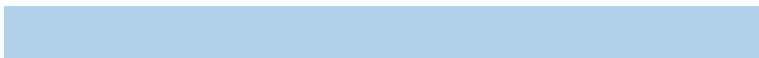
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.2937, 60.3026, 60.4755



52.4910, 60.3026, 52.6436



55.5879, 60.3026, 86.9261

Complementary

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



64.2937, 60.3026, 60.4755



67.5647, 78.4862, 90.1895

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.



52.5700, 60.3026, 80.9361



64.2937, 60.3026, 60.4755



50.8337, 60.3026, 60.7860

Square

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



64.2937, 60.3026, 60.4755



55.4760, 60.3026, 48.2505



50.8620, 60.3026, 71.1311



59.1959, 60.3026, 86.8204

Rectangle

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



64.2937, 60.3026, 60.4755



60.2546, 60.3026, 49.1301



50.8620, 60.3026, 71.1311



54.4742, 60.3026, 85.5333

Sweetspot

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



64.2954, 60.3053, 60.4768



88.1470, 89.7378, 95.6742



68.7653, 61.9779, 89.2282



18.7134, 18.9792, 20.1831



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.



64.2954, 60.3053, 60.4768



71.5141, 65.0800, 63.5923



68.5560, 69.3669, 60.2313



15.8155, 15.7759, 16.5845



19.7392, 10.1681, 1.2773



1.6569, 0.8518, 0.1843

Inverse Universe

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



64.2954, 60.3053, 60.4768



71.5141, 65.0800, 63.5923



62.6285, 67.9154, 90.6976



15.8155, 15.7759, 16.5845



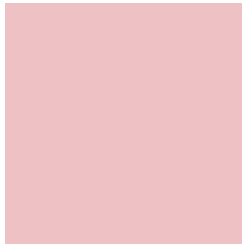
19.7392, 10.1681, 1.2773



1.6569, 0.8518, 0.1843

Previews

White Background



This preview shows how the XYZ color 64.2937, 60.3026, 60.4755 looks on a white background.

Color Contrast Check

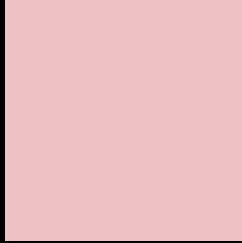
Large Text (above 18pt) WCAG AA × Fail

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 64.2937, 60.3026, 60.4755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

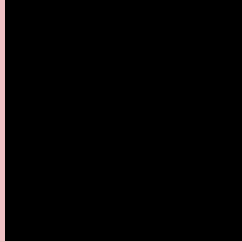
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.2937, 60.3026, 60.4755

Background



This preview shows how black text looks on a background with the XYZ color 64.2937, 60.3026, 60.4755.



This preview shows how white text looks on a background with the XYZ color 64.2937, 60.3026,

60.4755.

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

64.2937, 60.3026, 60.4755

Protanopia

58.0290, 60.3860, 64.4743

Deuteranopia

61.4951, 60.2035, 60.0091



Tritanopia

65.3680, 60.0686, 66.5416

Trichromacy



Original Color

64.2937, 60.3026, 60.4755

Protanomaly

60.0622, 60.0770, 63.0740

Deuteranomaly

62.5453, 60.4089, 59.9934

Tritanomaly

65.1069, 60.3143, 64.0874

Monochromacy



Original Color

64.2937, 60.3026, 60.4755

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 64.2937, 60.3026, 60.4755 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, 193, 196)` looks like.

```
.text, #text, p{  
    color:rgb(238, 193, 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(238, 193, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 193, 196) }
```

Border

The CSS property to change the border of an element to XYZ 64.2937, 60.3026, 60.4755 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, 193, 196) }
```


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

```
.border{ border-color:rgb(238, 193, 196) }
```

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

Here you see how a box with a 4 pixel rgb(238, 193, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 193, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 193, 196);  
box-shadow:4px 4px 4px 4px rgb(238, 193,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 64.2937, 60.3026, 60.4755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 193, 196) }
```

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

```
.background{ background-color: rgb(238,  
193, 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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