

Converting Colors

XYZ(48.6114, 37.6117, 27.8998)

Have a look what the booklet for
XYZ(48.6114, 37.6117, 27.8998)
contains.

XYZ(48.5080, 37.5630, 27.9863)	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(48.5080, 37.5630,
27.9863)**

Conversions

Conversions Part 1

Format	Color
Hex	EE8888
RGB	238, 136, 136
RGB Percent	93%, 53%, 53%
CMY	0.0667, 0.4666, 0.4667
CMYK	0.00, 0.43, 0.43, 0.07
HSL	0°, 75%, 73%
HSV	0°, 43%, 93%
XYZ	48.5080, 37.5630, 27.9863
YIQ	166.4980, 60.7920, 21.6240

Conversions

Conversions Part 2

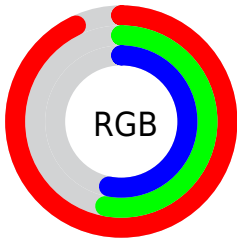
Format	Color
R_{YB}	238, 136, 136
Decimal	15632520
CIE _{Lab}	67.70, 38.81, 17.14
CIE _{LCh}	68, 42.426, 23.833
Yxy	37.5630, 0.4253, 0.3293
Android (android.graphics.Color)	4293822600 (0xFFEE8888)
YUV	166.4980, -15.0355, 62.7073
Hunter-Lab	61.2887, 34.0218, 15.8284

Details

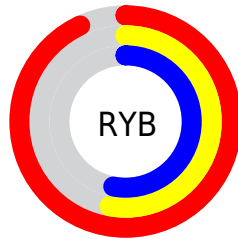
The XYZ color **48.5080, 37.5630, 27.9863** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **56.1591, 72.5532, 91.9332**, and the grayscale version is **36.5376, 38.4404, 41.8615**.

A 20% lighter version of the original color is **69.0561, 62.1957, 56.5094**, and **23.4404, 16.5962, 10.7720** is the 20% darker color. If you saturate the color by 10%, you get **44.0128, 30.9857, 19.0491**, and if you desaturate by 10%, it is **54.1247, 45.7824, 39.1507**.

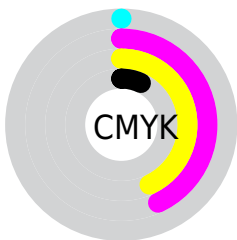
Distribution



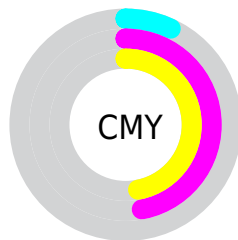
- Red (93%)
- Green (53%)
- Blue (53%)



- Red (93%)
- Yellow (53%)
- Blue (53%)



- Cyan (0%)
- Magenta (43%)
- Yellow (43%)
- Black (7%)





- Cyan (7%)
- Magenta (47%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.5080, 37.5630, 27.9863 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 48.5080, 37.5630, 27.9863 by changing the saturation by 10% instead.


 48.5080, 37.5630,
27.9863


 48.5080, 37.5630,
27.9863


371.3514,
335.7416, 306.3113


 34.4423, 25.6437,
18.0764


 87.1654, 71.4378,
57.4854

 23.3981, 16.5573,
10.8348


 112.4878, 94.1622,
77.9117

 15.0100, 9.9193,
5.8431


 142.2932,
121.2569, 102.6805

 8.9128, 5.3455,
2.6827

176.9468,
153.1066, 132.2103

 4.7410, 2.4514,
0.9347

216.8141,
190.0955, 166.9198

 2.1293, 0.8521,
0.0000

262.2604,

 0.7051, 0.0000,

232.6080, 207.2274

0.0000

313.6510,
281.0286, 253.5518

■ 0.0000, 0.0000,
0.0000

■ 48.5080, 37.5630,
27.9863

■ 48.5080, 37.5630,
27.9863

■ 44.0128, 30.9857,
19.0491

■ 54.1247, 45.7824,
39.1507

■ 40.5614, 25.9352,
12.1880

■ 60.9282, 55.7378,
52.6757

■ 38.0705, 22.2902,
7.2366

■ 68.9820, 67.5228,
68.6864

■ 36.4431, 19.9087,
4.0017

■ 78.3444, 81.2227,
87.2986

■ 35.5617, 18.6189,
2.2499

■ 89.0699, 96.9171,
108.6201

■ 35.2600, 18.1774,
1.6502

Harmonies

Analogous

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



49.7466, 37.5630, 44.8983



48.5080, 37.5630, 27.9863



43.6635, 37.5630, 18.1427

Triad

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



48.5080, 37.5630, 27.9863



26.4687, 37.5630, 23.0915



34.3665, 37.5630, 88.2689

Complementary

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



48.5080, 37.5630, 27.9863



56.1591, 72.5532, 91.9332

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.



28.7732, 37.5630, 77.4809



48.5080, 37.5630, 27.9863



24.5867, 37.5630, 37.1459

Square

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



48.5080, 37.5630, 27.9863



30.8508, 37.5630, 15.9809



25.3758, 37.5630, 57.2765



41.0379, 37.5630, 83.5662

Rectangle

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



48.5080, 37.5630, 27.9863



39.3256, 37.5630, 15.1153



25.3758, 37.5630, 57.2765



32.3090, 37.5630, 86.2508

Sweetspot

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



48.5090, 37.5649, 27.9870



80.4866, 78.6897, 79.9484



59.4968, 41.9588, 85.8519



16.7544, 16.1506, 16.1719



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.



48.5090, 37.5649, 27.9870



52.2666, 37.3957, 23.8486



57.4743, 55.4956, 30.9755



15.7729, 15.7590, 16.3602



19.6716, 10.1412, 0.9206



1.6365, 0.8437, 0.0766

Inverse Universe

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



56.1591, 72.5532, 91.9332



62.2579, 83.0918, 107.3647



43.3566, 46.9482, 87.6657



16.2474, 17.9288, 20.3259



25.6653, 37.5549, 51.0240



2.1351, 3.1243, 4.2447

Previews

White Background



This preview shows how the XYZ color 48.5080, 37.5630, 27.9863 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 48.5080, 37.5630, 27.9863 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 48.5080, 37.5630, 27.9863

Background



This preview shows how black text looks on a background with the XYZ color 48.5080, 37.5630, 27.9863.



This preview shows how white text looks on a background with the XYZ color 48.5080, 37.5630,

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

48.5080, 37.5630, 27.9863

Protanopia

35.9734, 37.8829, 34.2703

Deuteranopia

38.5553, 37.7997, 27.0938



Tritanopia

49.3714, 37.7230, 31.4672

Trichromacy



Original Color

48.5080, 37.5630, 27.9863

Protanomaly

39.4314, 36.8913, 31.8305

Deuteranomaly

41.5947, 37.3820, 27.2135

Tritanomaly

49.1431, 37.6317, 30.2647

Monochromacy



Original Color

48.5080, 37.5630, 27.9863

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

39.8815, 37.5147, 36.5916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5080, 37.5630, 27.9863 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, 136, 136)` looks like.

```
.text, #text, p{  
    color:rgb(238, 136, 136)  
}
```

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, 136, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 136, 136) }
```

Border

The CSS property to change the border of an element to XYZ 48.5080, 37.5630, 27.9863 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, 136, 136) }
```


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

```
.border{ border-color:rgb(238, 136, 136) }
```

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

Here you see how a box with a 4 pixel rgb(238, 136, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 136, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 136, 136);  
box-shadow:4px 4px 4px 4px rgb(238, 136,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5080, 37.5630, 27.9863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 136, 136) }
```

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

```
.background{ background-color: rgb(238,  
136, 136) }
```

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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