

Converting Colors

XYZ(58.6362, 61.6972, 19.4080)

Have a look what the booklet for
XYZ(58.6362, 61.6972, 19.4080)
contains.

XYZ(58.6362, 61.6972, 19.4080)	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(58.6362, 61.6972,
19.4080)**

Conversions

Conversions Part 1

Format	Color
Hex	EECB5E
RGB	238, 203, 94
RGB Percent	93%, 80%, 37%
CMY	0.0667, 0.2039, 0.6314
CMYK	0.00, 0.15, 0.61, 0.07
HSL	45°, 81%, 65%
HSV	45°, 61%, 93%
XYZ	58.6362, 61.6972, 19.4080
YIQ	201.0390, 55.8490, -26.4790

Conversions

Conversions Part 2

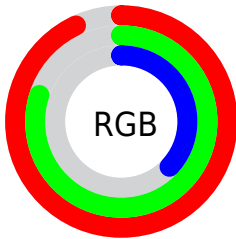
Format	Color
RYB	140, 238, 94
Decimal	15649630
CIELab	82.75, -0.01, 57.71
CIElCh	83, 57.706, 90.012
Yxy	61.6972, 0.4196, 0.4415
Android (android.graphics.Color)	4293839710 (0xFFEECB5E)
YUV	201.0390, -52.7702, 32.4148
Hunter-Lab	78.5476, -4.2070, 40.3336

Details

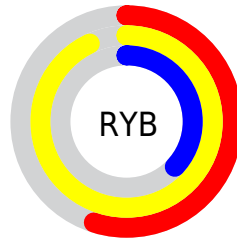
The XYZ color **58.6362, 61.6972, 19.4080** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **27.8987, 24.2524, 84.0991**, and the grayscale version is **55.8357, 58.7435, 63.9716**.

A 20% lighter version of the original color is **82.3453, 94.9181, 41.9979**, and **29.7209, 31.2318, 6.4694** is the 20% darker color. If you saturate the color by 10%, you get **56.3885, 58.6555, 14.1777**, and if you desaturate by 10%, it is **61.2670, 64.9784, 26.3913**.

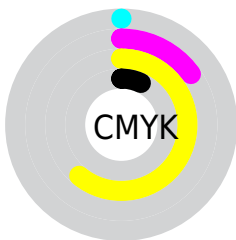
Distribution



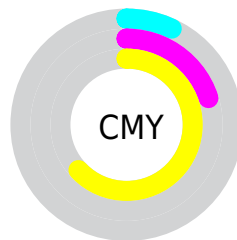
- Red (93%)
- Green (80%)
- Blue (37%)



- Red (55%)
- Yellow (93%)
- Blue (37%)



- Cyan (0%)
- Magenta (15%)
- Yellow (61%)
- Black (7%)



- Cyan (7%)
- Magenta (20%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.6362, 61.6972, 19.4080 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 58.6362, 61.6972, 19.4080 by changing the saturation by 10% instead.

■ 58.6362, 61.6972,
19.4080

■ 58.6362, 61.6972,
19.4080

409.4681,
430.8257, 261.1894

■ 42.5656, 44.7881,
11.7857

■ 101.9664,
107.2878, 43.2682

■ 29.7374, 31.2905,
6.4771

■ 129.9567,
136.7380, 60.3432

■ 19.7865, 20.8202,
3.0639

■ 162.6509,
171.1374, 81.4062

■ 12.3473, 12.9926,
1.1273

■ 200.4143,
210.8704, 106.8756

■ 7.0545, 7.4235,
0.0000

243.6124,
256.3213, 137.1701

■ 3.5429, 3.7283,
0.0000

292.6105,

■ 1.4469, 1.5228,

307.8746, 172.7082

0.0000

347.7740,
365.9146, 213.9085

■ 0.2893, 0.3047,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.6362, 61.6972,
19.4080

■ 58.6362, 61.6972,
19.4080

■ 56.3885, 58.6555,
14.1777

■ 61.2670, 64.9784,
26.3913

■ 54.4875, 55.8309,
10.5313

■ 64.3045, 68.5022,
35.2683

■ 52.8968, 53.2101,
8.2725

■ 67.7751, 72.2826,
46.1698

■ 51.6137, 50.8852,
7.1015

■ 71.7018, 76.3295,
59.2137

■ 76.1058, 80.6522,
74.5090

■ 81.0067, 85.2594,
92.1571

■ 85.5078, 89.7932,
107.4328

■ 87.2707, 93.3191,
108.0205

■ 89.0697, 96.9170,
108.6201

Harmonies

Analogous

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



71.3878, 61.6972, 23.6845



58.6362, 61.6972, 19.4080



47.5026, 61.6972, 23.6919

Triad

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



58.6362, 61.6972, 19.4080



40.3188, 61.6972, 107.4618



81.8191, 61.6972, 107.4269

Complementary

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



58.6362, 61.6972, 19.4080



27.8987, 24.2524, 84.0991

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.



71.3980, 61.6972, 145.3799



58.6362, 61.6972, 19.4080



47.5103, 61.6972, 145.4046

Square

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



58.6362, 61.6972, 19.4080



37.8786, 61.6972, 67.1925



58.6465, 61.6972, 161.2474



85.8707, 61.6972, 67.1630

Rectangle

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



58.6362, 61.6972, 19.4080



42.2003, 61.6972, 32.1499



58.6465, 61.6972, 161.2474



78.8785, 61.6972, 121.3258

Sweetspot

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



58.6376, 61.7001, 19.4092



85.0653, 90.4770, 73.3669



43.2921, 27.7948, 24.2031



17.8997, 19.0579, 14.6526



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.



58.6376, 61.7001, 19.4092



65.2977, 67.6641, 15.2248



56.9521, 74.5135, 21.9713



16.7785, 17.7702, 16.6954



28.9016, 28.6013, 3.9973



2.4811, 2.5329, 0.3581

Inverse Universe

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



27.8987, 24.2524, 84.0991



26.5207, 20.5340, 97.1734



28.6418, 18.9250, 83.0317



15.2092, 15.8525, 19.9798



9.5337, 5.2916, 45.6468



0.8684, 0.5908, 3.8225

Previews

White Background



This preview shows how the XYZ color 58.6362, 61.6972, 19.4080 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 58.6362, 61.6972, 19.4080 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 58.6362, 61.6972, 19.4080

Background



This preview shows how black text looks on a background with the XYZ color 58.6362, 61.6972, 19.4080.



This preview shows how white text looks on a background with the XYZ color 58.6362, 61.6972,

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

58.6362, 61.6972, 19.4080

Protanopia

56.4500, 61.6269, 19.7464

Deuteranopia

63.0912, 61.5844, 19.6280



Tritanopia

68.4828, 61.6743, 66.6874

Trichromacy



Original Color

58.6362, 61.6972, 19.4080

Protanomaly

57.1756, 61.6447, 19.7116

Deuteranomaly

61.5559, 61.8128, 19.5132

Tritanomaly

63.6149, 60.9799, 44.0147

Monochromacy



Original Color

58.6362, 61.6972, 19.4080

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.3737, 59.1458, 42.6802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6362, 61.6972, 19.4080 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, 203, 94)` looks like.

```
.text, #text, p{  
    color:rgb(238, 203, 94)  
}
```

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, 203, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 203, 94) }
```

Border

The CSS property to change the border of an element to XYZ 58.6362, 61.6972, 19.4080 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, 203, 94) }
```


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

```
.border{ border-color:rgb(238, 203, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 203, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 203, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 203, 94);  
box-shadow:4px 4px 4px 4px rgb(238, 203,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6362, 61.6972, 19.4080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 203, 94) }
```

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

```
.background{ background-color: rgb(238,  
203, 94) }
```

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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