

Converting Colors

XYZ(58.2047, 64.1142, 14.0102)

Have a look what the booklet for
XYZ(58.2047, 64.1142, 14.0102)
contains.

XYZ(58.2047, 64.1142, 14.0102)	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(58.2047, 64.1142,
14.0102)**

Conversions

Conversions Part 1

Format	Color
Hex	EBD23F
RGB	235, 210, 63
RGB Percent	92%, 82%, 25%
CMY	0.0784, 0.1764, 0.7529
CMYK	0.00, 0.11, 0.73, 0.08
HSL	51°, 81%, 58%
HSV	51°, 73%, 92%
XYZ	58.2047, 64.1142, 14.0102
YIQ	200.7170, 62.0870, -40.4170

Conversions

Conversions Part 2

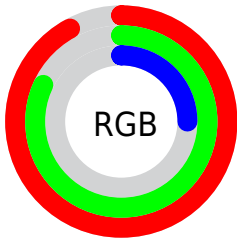
Format	Color
R _Y B	92, 235, 63
Decimal	15454783
CIE Lab	84.03, -6.55, 71.49
CIE LCh	84, 71.787, 95.232
Yxy	64.1142, 0.4269, 0.4703
Android (android.graphics.Color)	4293644863 (0xFFEBD23F)
YUV	200.7170, -67.8945, 30.0662
Hunter-Lab	80.0713, -10.3713, 45.6759

Details

The XYZ color **58.2047, 64.1142, 14.0102** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **20.5351, 14.0342, 80.2232**, and the grayscale version is **55.7239, 58.6258, 63.8435**.

A 20% lighter version of the original color is **80.3902, 94.1361, 31.7024**, and **29.5677, 32.8909, 4.7902** is the 20% darker color. If you saturate the color by 10%, you get **56.8493, 62.2398, 10.9809**, and if you desaturate by 10%, it is **59.8611, 66.1427, 18.5230**.

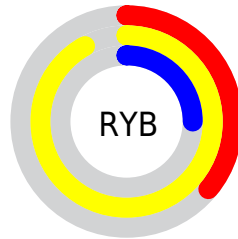
Distribution



Red (92%)

Green (82%)

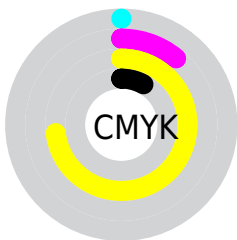
Blue (25%)



Red (36%)

Yellow (92%)

Blue (25%)

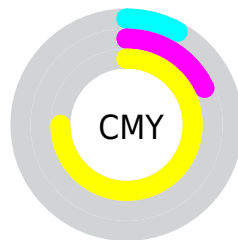


Cyan (0%)

Magenta (11%)

Yellow (73%)

Black (8%)



Cyan (8%)

Magenta (18%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2047, 64.1142, 14.0102 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 58.2047, 64.1142, 14.0102 by changing the saturation by 10% instead.

■ 58.2047, 64.1142,
14.0102

■ 58.2047, 64.1142,
14.0102

407.8898,
439.6019, 228.7249

■ 42.2171, 46.7432,
7.9889

■ 101.3421,
110.7754, 33.8245

■ 29.4632, 32.8327,
4.0002

■ 129.2227,
140.8343, 48.4546

■ 19.5775, 21.9983,
1.6254

■ 161.7984,
175.8914, 66.7915

■ 12.1948, 13.8556,
0.3089

■ 199.4344,
216.3309, 89.2535

■ 6.9496, 8.0203,
0.0000

■ 242.4962,
262.5374, 116.2593

■ 3.4767, 4.1080,
0.0000

291.3492,

■ 1.4106, 1.7341,

314.8951, 148.2275

0.0000

346.3586,
373.7885, 185.5765

■ 0.2637, 0.4456,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.2047, 64.1142,
14.0102

■ 58.2047, 64.1142,
14.0102

■ 56.8493, 62.2398,
10.9809

■ 59.8611, 66.1427,
18.5230

■ 55.7519, 60.4948,
9.2287

■ 61.8460, 68.3291,
24.6825

■ 55.1126, 59.3658,
8.5540

■ 64.1884, 70.6876,
32.6347

■ 66.9128, 73.2283,
42.5083

■ 70.0415, 75.9601,
54.4204

■ 73.5952, 78.8916,
68.4785

■ 77.5928, 82.0305,
84.7827

■ 82.0524, 85.3841,
103.4268

■ 83.6890, 87.6387,
107.1128

Harmonies

Analogous

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



74.6011, 64.1142, 16.8017



58.2047, 64.1142, 14.0102



45.0111, 64.1142, 20.0693

Triad

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



58.2047, 64.1142, 14.0102



39.3033, 64.1142, 133.1440



92.9673, 64.1142, 113.0702

Complementary

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



58.2047, 64.1142, 14.0102



20.5351, 14.0342, 80.2232

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.



80.2396, 64.1142, 167.9716



58.2047, 64.1142, 14.0102



49.0552, 64.1142, 182.6547

Square

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



58.2047, 64.1142, 14.0102



35.3744, 64.1142, 78.0649



63.7568, 64.1142, 197.5805



96.5550, 64.1142, 62.1576

Rectangle

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



58.2047, 64.1142, 14.0102



39.1978, 64.1142, 30.9638



63.7568, 64.1142, 197.5805



89.5197, 64.1142, 132.2557

Sweetspot

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



58.2062, 64.1173, 14.0115



84.7515, 91.8075, 67.2257



37.8334, 21.9356, 11.6481



17.9069, 19.4523, 13.4831



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.



58.2062, 64.1173, 14.0115



67.7076, 73.8078, 11.9466



48.2401, 68.8661, 15.4534



16.1546, 17.2321, 15.9934



30.7461, 33.1864, 4.7851



2.4653, 2.7078, 0.3927

Inverse Universe

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



20.5351, 14.0342, 80.2232



20.3922, 11.0832, 95.6722



24.9706, 13.7797, 79.9403



14.4078, 14.9020, 19.0393



8.7219, 4.0908, 44.0729



0.7398, 0.4311, 3.4791

Previews

White Background



This preview shows how the XYZ color 58.2047, 64.1142, 14.0102 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 58.2047, 64.1142, 14.0102 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 58.2047, 64.1142, 14.0102

Background



This preview shows how black text looks on a background with the XYZ color 58.2047, 64.1142, 14.0102.



This preview shows how white text looks on a background with the XYZ color 58.2047, 64.1142,

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

58.2047, 64.1142, 14.0102

Protanopia

58.2047, 64.1142, 14.0102

Deuteranopia

64.7282, 64.0739, 22.5916



Tritanopia

69.8556, 63.9572, 70.2912

Trichromacy



Original Color

58.2047, 64.1142, 14.0102

Protanomaly

58.2047, 64.1142, 14.0102

Deuteranomaly

62.1497, 63.8804, 18.7274

Tritanomaly

63.9346, 63.2623, 40.7394

Monochromacy



Original Color

58.2047, 64.1142, 14.0102

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.6194, 59.5662, 37.8968

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2047, 64.1142, 14.0102 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(235, 210, 63)` looks like.

```
.text, #text, p{  
    color:rgb(235, 210, 63)  
}
```

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(235, 210, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 210, 63) }
```

Border

The CSS property to change the border of an element to XYZ 58.2047, 64.1142, 14.0102 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(235, 210, 63) }
```


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

```
.border{ border-color:rgb(235, 210, 63) }
```

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

Here you see how a box with a 4 pixel rgb(235, 210, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 210, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 210, 63);  
box-shadow:4px 4px 4px 4px rgb(235, 210,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2047, 64.1142, 14.0102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 210, 63) }
```

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

```
.background{ background-color: rgb(235,  
210, 63) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor