

Converting Colors

XYZ(54.0619, 58.9010, 23.2737)

Have a look what the booklet for
XYZ(54.0619, 58.9010, 23.2737)
contains.

XYZ(54.0592, 58.8964, 23.2708)	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(54.0592, 58.8964,
23.2708)**

Conversions

Conversions Part 1

Format	Color
Hex	DECA6E
RGB	222, 202, 110
RGB Percent	87%, 79%, 43%
CMY	0.1294, 0.2078, 0.5686
CMYK	0.00, 0.09, 0.50, 0.13
HSL	49°, 63%, 65%
HSV	49°, 50%, 87%
XYZ	54.0592, 58.8964, 23.2708
YIQ	197.4920, 41.4520, -24.3720

Conversions

Conversions Part 2

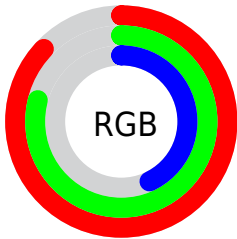
Format	Color
RYB	134, 222, 110
Decimal	14600814
CIELab	81.23, -4.85, 48.07
CIELCh	81, 48.313, 95.759
Yxy	58.8964, 0.3968, 0.4323
Android (android.graphics.Color)	4292790894 (0xFFDECA6E)
YUV	197.4920, -43.1336, 21.4935
Hunter-Lab	76.7440, -8.5649, 35.7425

Details

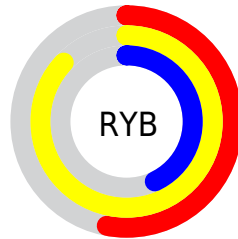
The XYZ color **54.0592, 58.8964, 23.2708** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **27.5977, 24.5535, 72.3918**, and the grayscale version is **53.6051, 56.3968, 61.4161**.

A 20% lighter version of the original color is **83.6109, 95.4243, 48.6623**, and **26.8964, 29.4949, 8.4132** is the 20% darker color. If you saturate the color by 10%, you get **52.0812, 56.6385, 17.3771**, and if you desaturate by 10%, it is **56.3667, 61.3287, 30.7694**.

Distribution



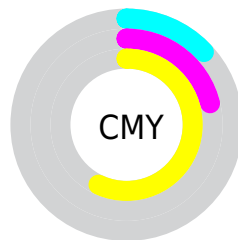
- Red (87%)
- Green (79%)
- Blue (43%)



- Red (53%)
- Yellow (87%)
- Blue (43%)



- Cyan (0%)
- Magenta (9%)
- Yellow (50%)
- Black (13%)





- Cyan (13%)
- Magenta (21%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.0592, 58.8964, 23.2708 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 54.0592, 58.8964, 23.2708 by changing the saturation by 10% instead.


 54.0592, 58.8964,
23.2708


 54.0592, 58.8964,
23.2708


392.5304,
420.5179, 282.2797

 38.8799, 42.5297,
14.5864


 95.3175, 103.2271,
49.7664


 26.8466, 29.5163,
8.3863


 122.1273,
131.9599, 68.4147

 17.5940, 19.4717,
4.2518


 153.5445,
165.5835, 91.2214

 10.7568, 12.0116,
1.7645

 189.9345,
204.4823, 118.6051

 5.9696, 6.7516,
0.4044

231.6628,
249.0408, 150.9842

 2.8671, 3.3072,
0.0000

279.0946,

 1.0839, 1.2942,

299.6433, 188.7773

0.0000

332.5954,
356.6742, 232.4029

■ 0.0116, 0.1367,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.0592, 58.8964,
23.2708

■ 54.0592, 58.8964,
23.2708

■ 52.0812, 56.6385,
17.3771

■ 56.3667, 61.3287,
30.7694

■ 50.4053, 54.5371,
12.9631


■ 59.0203, 63.9358,
39.9781


■ 49.0062, 52.5842,
9.8913


■ 62.0405, 66.7282,
50.9976


■ 47.8525, 50.7667,
7.9962

■ 65.4447, 69.7134,
63.9195


 46.9275, 49.1363,
7.0109

 69.2496, 72.8980,
78.8293

 73.4703, 76.2887,
95.8074

 76.4009, 79.2031,
105.8687

 77.5148, 81.4309,
106.2400

 78.6540, 83.7093,
106.6197

Harmonies

Analogous

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



64.3097, 58.8964, 25.6952



54.0592, 58.8964, 23.2708



45.4115, 58.8964, 28.8389

Triad

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



54.0592, 58.8964, 23.2708



41.6936, 58.8964, 102.2895



75.5515, 58.8964, 89.6913

Complementary

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



54.0592, 58.8964, 23.2708



27.5977, 24.5535, 72.3918

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.



68.0712, 58.8964, 120.4602



54.0592, 58.8964, 23.2708



48.4012, 58.8964, 129.1293

Square

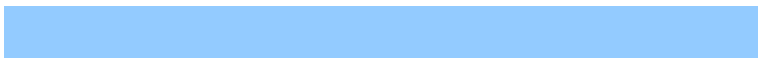
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.0592, 58.8964, 23.2708



38.8428, 58.8964, 69.8536



57.9443, 58.8964, 136.6189



77.5339, 58.8964, 58.7245

Rectangle

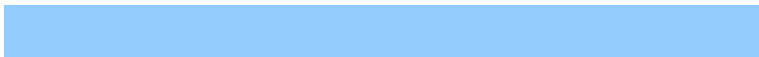
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.0592, 58.8964, 23.2708



41.4524, 58.8964, 37.7172



57.9443, 58.8964, 136.6189



73.5562, 58.8964, 100.6564

Sweetspot

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



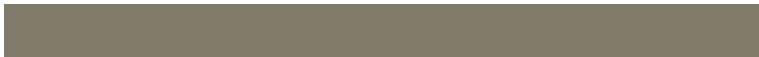
54.0606, 58.8992, 23.2720



87.3520, 93.4971, 78.9181



39.7657, 28.3081, 24.6762



18.4868, 19.8273, 16.0963



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.



54.0606, 58.8992, 23.2720



71.0460, 77.2340, 23.0806



49.3155, 63.8744, 24.4824



14.6528, 15.5915, 14.5440



27.9483, 29.3345, 4.1891



1.9923, 2.1435, 0.3087

Inverse Universe

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



27.5977, 24.5535, 72.3918



30.8626, 25.1335, 97.8324



30.5208, 22.4887, 71.8392



13.1489, 13.6370, 17.3269



8.3323, 4.1342, 41.4072



0.6367, 0.4049, 2.8898

Previews

White Background



This preview shows how the XYZ color 54.0592, 58.8964, 23.2708 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 54.0592, 58.8964, 23.2708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

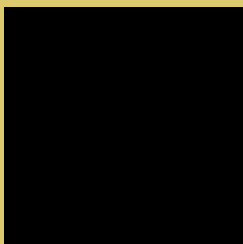
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

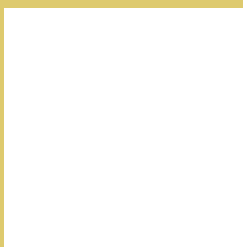
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.0592, 58.8964, 23.2708

Background



This preview shows how black text looks on a background with the XYZ color 54.0592, 58.8964, 23.2708.



This preview shows how white text looks on a background with the XYZ color 54.0592, 58.8964,

23.2708.

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

54.0592, 58.8964, 23.2708

Protanopia

54.0592, 58.8964, 23.2708

Deuteranopia

59.7803, 58.4620, 23.4628



Tritanopia

62.7264, 58.7068, 66.4180

Trichromacy



Original Color

54.0592, 58.8964, 23.2708

Protanomaly

54.0592, 58.8964, 23.2708

Deuteranomaly

57.5342, 58.6321, 23.3237

Tritanomaly

58.8607, 58.4645, 46.7106

Monochromacy



Original Color

54.0592, 58.8964, 23.2708

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.6686, 56.6853, 43.7627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0592, 58.8964, 23.2708 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(222, 202, 110)` looks like.

```
.text, #text, p{  
    color:rgb(222, 202, 110)  
}
```

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(222, 202, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 202, 110) }
```

Border

The CSS property to change the border of an element to XYZ 54.0592, 58.8964, 23.2708 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(222, 202, 110) }
```


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

```
.border{ border-color:rgb(222, 202, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 202, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 202, 110); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 202, 110); box-shadow:4px 4px 4px 4px rgb(222, 202, 110) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0592, 58.8964, 23.2708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 202, 110) }
```

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

```
.background{ background-color: rgb(222,  
202, 110) }
```

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