

Converting Colors

XYZ(58.0393, 56.7893, 29.0215)

Have a look what the booklet for
XYZ(58.0393, 56.7893, 29.0215)
contains.

XYZ(58.0393, 56.7893, 29.0215)	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(58.0393, 56.7893,
29.0215)**

Conversions

Conversions Part 1

Format	Color
Hex	EFBE82
RGB	239, 190, 130
RGB Percent	94%, 75%, 51%
CMY	0.0627, 0.2549, 0.4902
CMYK	0.00, 0.20, 0.46, 0.06
HSL	33°, 77%, 72%
HSV	33°, 46%, 94%
XYZ	58.0393, 56.7893, 29.0215
YIQ	197.8110, 48.4640, -8.2720

Conversions

Conversions Part 2

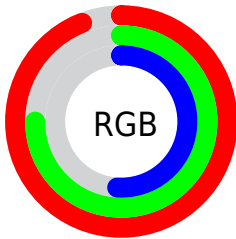
Format	Color
R_{YB}	219, 239, 130
Decimal	15711874
CIE _{Lab}	80.06, 10.14, 36.91
CIE _{LCh}	80, 38.278, 74.641
Yxy	56.7893, 0.4035, 0.3948
Android (android.graphics.Color)	4293901954 (0xFFEFBE82)
YUV	197.8110, -33.4308, 36.1228
Hunter-Lab	75.3587, 5.5984, 29.9178

Details

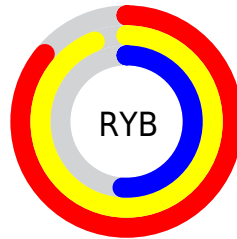
The XYZ color **58.0393, 56.7893, 29.0215** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **40.9054, 43.2164, 87.8468**, and the grayscale version is **53.7389, 56.5375, 61.5693**.

A 20% lighter version of the original color is **82.8475, 90.6322, 58.4746**, and **29.4497, 28.2943, 11.4986** is the 20% darker color. If you saturate the color by 10%, you get **54.3763, 51.7393, 20.7842**, and if you desaturate by 10%, it is **62.2493, 62.3368, 39.2803**.

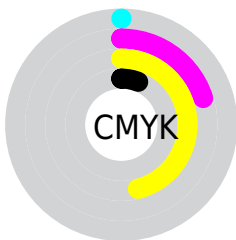
Distribution



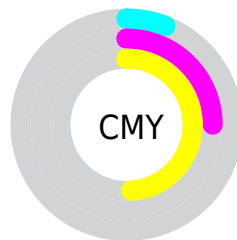
- Red (94%)
- Green (75%)
- Blue (51%)



- Red (86%)
- Yellow (94%)
- Blue (51%)



- Cyan (0%)
- Magenta (20%)
- Yellow (46%)
- Black (6%)





- Cyan (6%)
- Magenta (25%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.0393, 56.7893, 29.0215 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 58.0393, 56.7893, 29.0215 by changing the saturation by 10% instead.


 58.0393, 56.7893,
29.0215

 58.0393, 56.7893,
29.0215


407.2839,
412.6593, 311.3805


 42.0836, 40.8361,
18.8514


 101.1027,
100.1577, 59.1538

 29.3582, 28.1910,
11.3872


 128.9412,
128.3417, 79.9531

 19.4976, 18.4697,
6.2105


 161.4713,
161.3713, 105.1325

 12.1365, 11.2877,
2.9026

199.0584,
199.6311, 135.1106

 6.9096, 6.2607,
1.0451

242.0678,
243.5054, 170.3059

 3.4514, 3.0043,
0.0000

290.8650,

 1.3967, 1.1340,

293.3786, 211.1370

0.0000

345.8152,
349.6351, 258.0223

■ 0.2539, 0.0067,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.0393, 56.7893,
29.0215

■ 58.0393, 56.7893,
29.0215

■ 54.3763, 51.7393,
20.7842

■ 62.2493, 62.3368,
39.2803

■ 51.2261, 47.1608,
14.4260


■ 67.0292, 68.3904,
51.6831


■ 48.5569, 43.0372,
9.7912


■ 72.4056, 74.9681,
66.3463


■ 46.3302, 39.3468,
6.6968


■ 78.4019, 82.0849,
83.3771

 44.4994, 36.0644,
4.9174

 85.0404, 89.7548,
102.8757

 43.7898, 34.7372,
4.3970

 89.2355, 96.7486,
108.5789

 89.4065, 97.0907,
108.6359

Harmonies

Analogous

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



65.3438, 56.7893, 36.3362



58.0393, 56.7893, 29.0215



50.2803, 56.7893, 28.9377

Triad

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



58.0393, 56.7893, 29.0215



40.7497, 56.7893, 73.3161



65.1934, 56.7893, 97.6297

Complementary

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



58.0393, 56.7893, 29.0215



40.9054, 43.2164, 87.8468

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.



57.8495, 56.7893, 113.2810



58.0393, 56.7893, 29.0215



44.0105, 56.7893, 97.1161

Square

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



58.0393, 56.7893, 29.0215



40.7899, 56.7893, 51.1596



50.1079, 56.7893, 113.0732



69.7368, 56.7893, 73.8983

Rectangle

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



58.0393, 56.7893, 29.0215



45.9064, 56.7893, 32.8434



50.1079, 56.7893, 113.0732



62.9410, 56.7893, 104.2382

Sweetspot

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



58.0407, 56.7920, 29.0226



84.9185, 88.0959, 79.7536



51.7212, 37.5732, 47.2012



17.8694, 18.4873, 16.2146



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.



58.0407, 56.7920, 29.0226



63.1607, 60.1732, 24.4300



68.6799, 80.7609, 33.0884



16.4942, 17.2015, 16.6006



24.3323, 19.4626, 2.4742



2.1234, 1.8175, 0.2389

Inverse Universe

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



40.9054, 43.2164, 87.8468



40.9663, 42.6057, 100.6723



33.6274, 27.3862, 85.1749



15.4823, 16.3987, 20.0709



11.6670, 9.5583, 46.3579



1.0685, 0.9911, 3.8892

Previews

White Background



This preview shows how the XYZ color 58.0393, 56.7893, 29.0215 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 58.0393, 56.7893, 29.0215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

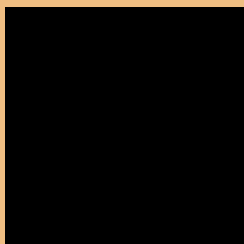
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.0393, 56.7893, 29.0215

Background



This preview shows how black text looks on a background with the XYZ color 58.0393, 56.7893, 29.0215.



This preview shows how white text looks on a background with the XYZ color 58.0393, 56.7893,

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

58.0393, 56.7893, 29.0215

Protanopia

52.7508, 57.0152, 30.7790

Deuteranopia

58.0393, 56.7893, 29.0215



Tritanopia

64.3479, 56.8539, 59.8069

Trichromacy



Original Color

58.0393, 56.7893, 29.0215

Protanomaly

54.7140, 57.0206, 30.3126

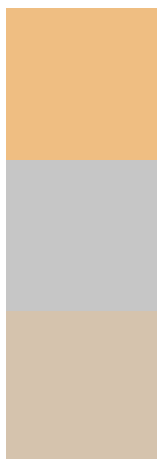
Deuteranomaly

58.0393, 56.7893, 29.0215

Tritanomaly

61.7575, 56.7312, 46.7250

Monochromacy



Original Color

58.0393, 56.7893, 29.0215

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.4985, 56.1935, 47.5092

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0393, 56.7893, 29.0215 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(239, 190, 130)` looks like.

```
.text, #text, p{  
    color:rgb(239, 190, 130)  
}
```

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(239, 190, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 190, 130) }
```

Border

The CSS property to change the border of an element to XYZ 58.0393, 56.7893, 29.0215 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(239, 190, 130) }
```


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

```
.border{ border-color:rgb(239, 190, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 190, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 190, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 190, 130);  
box-shadow:4px 4px 4px 4px rgb(239, 190,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0393, 56.7893, 29.0215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 190, 130) }
```

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

```
.background{ background-color: rgb(239,  
190, 130) }
```

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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