

Converting Colors

XYZ(56.0958, 58.7367, 29.5174)

Have a look what the booklet for
XYZ(56.0958, 58.7367, 29.5174)
contains.

XYZ(56.1312, 58.7894, 29.5082)	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(56.1312, 58.7894,
29.5082)**

Conversions

Conversions Part 1

Format	Color
Hex	E3C782
RGB	227, 199, 130
RGB Percent	89%, 78%, 51%
CMY	0.1098, 0.2196, 0.4902
CMYK	0.00, 0.12, 0.43, 0.11
HSL	43°, 63%, 70%
HSV	43°, 43%, 89%
XYZ	56.1312, 58.7894, 29.5082
YIQ	199.5060, 38.8370, -15.5230

Conversions

Conversions Part 2

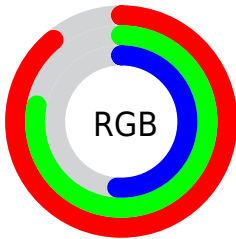
Format	Color
RYB	169, 227, 130
Decimal	14927746
CIELab	81.18, 0.63, 38.12
CIELCh	81, 38.123, 89.049
Yxy	58.7894, 0.3886, 0.4070
Android (android.graphics.Color)	4293117826 (0xFFE3C782)
YUV	199.5060, -34.2665, 24.1122
Hunter-Lab	76.6742, -3.5048, 30.8541

Details

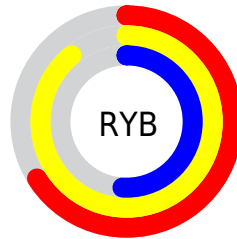
The XYZ color **56.1312, 58.7894, 29.5082** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **35.2976, 34.7445, 77.5188**, and the grayscale version is **54.7843, 57.6374, 62.7671**.

A 20% lighter version of the original color is **85.6517, 96.2407, 59.4094**, and **28.1142, 29.3614, 11.5827** is the 20% darker color. If you saturate the color by 10%, you get **53.2978, 55.2979, 21.8579**, and if you desaturate by 10%, it is **59.3685, 62.5506, 38.9526**.

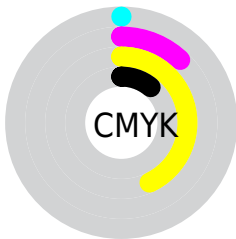
Distribution



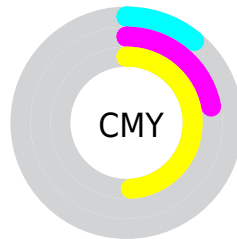
- Red (89%)
- Green (78%)
- Blue (51%)



- Red (66%)
- Yellow (89%)
- Blue (51%)



- Cyan (0%)
- Magenta (12%)
- Yellow (43%)
- Black (11%)



- Cyan (11%)
- Magenta (22%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.1312, 58.7894, 29.5082 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 56.1312, 58.7894, 29.5082 by changing the saturation by 10% instead.

■ 56.1312, 58.7894,
29.5082

■ 56.1312, 58.7894,
29.5082

400.2528,
420.1210, 313.7409

■ 40.5455, 42.4436,
19.2167

■ 98.3351, 103.0715,
59.9353

■ 28.1502, 29.4488,
11.6486

■ 125.6840,
131.7766, 80.9081

■ 18.5800, 19.4206,
6.3852

■ 157.6847,
165.3703, 106.2783

■ 11.4694, 11.9746,
3.0082

194.7026,
204.2370, 136.4646

■ 6.4531, 6.7264,
1.0988

237.1030,
248.7610, 171.8854

■ 3.1658, 3.2916,
0.0000

285.2512,

■ 1.2420, 1.2858,

299.3267, 212.9594

0.0000

339.5127,
356.3186, 260.1051

■ 0.1392, 0.1302,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.1312, 58.7894,
29.5082

■ 56.1312, 58.7894,
29.5082

■ 53.2978, 55.2979,
21.8579

■ 59.3685, 62.5506,
38.9526

■ 50.8409, 52.0575,
15.8802


■ 63.0265, 66.5830,
50.2948


■ 48.7360, 49.0590,
11.4441


■ 67.1261, 70.8985,
63.6347


■ 46.9534, 46.2894,
8.3971


■ 71.6856, 75.5054,
79.0643


 45.4574, 43.7329,
6.5556


 76.7219, 80.4118,
96.6695

 44.5085, 41.9910,
5.7592

 80.3944, 84.8828,
106.7545

 82.3401, 88.7740,
107.4031

 84.3559, 92.8056,
108.0750

 85.4885, 95.0709,
108.4525

Harmonies

Analogous

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



64.0975, 58.7894, 33.3751



56.1312, 58.7894, 29.5082



48.7919, 58.7894, 32.9075

Triad

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



56.1312, 58.7894, 29.5082



43.5728, 58.7894, 87.6586



70.0101, 58.7894, 89.2169

Complementary

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



56.1312, 58.7894, 29.5082



35.2976, 34.7445, 77.5188

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.



63.6180, 58.7894, 110.3125



56.1312, 58.7894, 29.5082



48.3923, 58.7894, 109.2732

Square

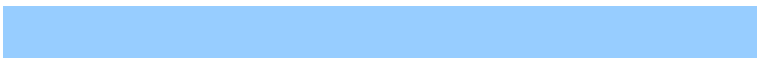
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.1312, 58.7894, 29.5082



41.9687, 58.7894, 63.2891



55.6247, 58.7894, 118.3944



72.5630, 58.7894, 64.7397

Rectangle

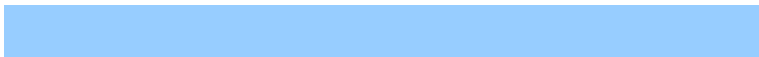
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.1312, 58.7894, 29.5082



45.1283, 58.7894, 39.4317



55.6247, 58.7894, 118.3944



68.2111, 58.7894, 97.1335

Sweetspot

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



56.1326, 58.7921, 29.5094



87.1882, 92.0929, 82.1823



45.9282, 34.8034, 37.1441



18.3982, 19.4382, 16.7198



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.



56.1326, 58.7921, 29.5094



69.8719, 72.6062, 29.7170



57.3986, 69.9018, 31.5871



15.2318, 16.0775, 15.2049



26.0624, 24.6989, 3.3937



2.0047, 1.9826, 0.2770

Inverse Universe

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



35.2976, 34.7445, 77.5188



39.5057, 37.5874, 99.7807



34.3159, 27.9393, 76.2570



13.9200, 14.5613, 18.2213



9.2927, 5.6475, 42.9835



0.7644, 0.5728, 3.2022

Previews

White Background



This preview shows how the XYZ color 56.1312, 58.7894, 29.5082 looks on a white background.

Color Contrast Check

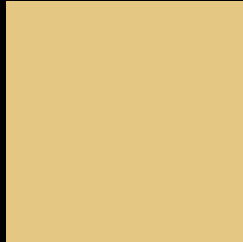
Large Text (above 18pt) WCAG AA × Fail

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 56.1312, 58.7894, 29.5082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

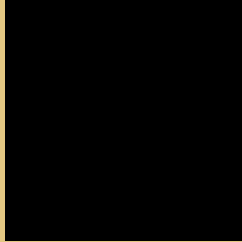
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.1312, 58.7894, 29.5082

Background



This preview shows how black text looks on a background with the XYZ color 56.1312, 58.7894, 29.5082.



This preview shows how white text looks on a background with the XYZ color 56.1312, 58.7894,

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

56.1312, 58.7894, 29.5082

Protanopia

54.4307, 58.9398, 29.9804

Deuteranopia

60.1288, 58.8333, 29.6596



Tritanopia

63.6939, 58.8969, 65.7688

Trichromacy



Original Color

56.1312, 58.7894, 29.5082

Protanomaly

55.1076, 58.9416, 29.9451

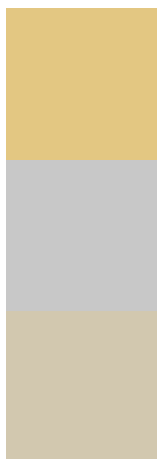
Deuteranomaly

58.5369, 58.6734, 29.7126

Tritanomaly

60.3846, 58.5101, 50.2304

Monochromacy



Original Color

56.1312, 58.7894, 29.5082

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.9705, 58.1053, 48.8756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1312, 58.7894, 29.5082 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(227, 199, 130)` looks like.

```
.text, #text, p{  
    color:rgb(227, 199, 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(227, 199, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 199, 130) }
```

Border

The CSS property to change the border of an element to XYZ 56.1312, 58.7894, 29.5082 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(227, 199, 130) }
```


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

```
.border{ border-color:rgb(227, 199, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 199, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 199, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 199, 130);  
box-shadow:4px 4px 4px 4px rgb(227, 199,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1312, 58.7894, 29.5082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 199, 130) }
```

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

```
.background{ background-color: rgb(227,  
199, 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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