

Converting Colors

XYZ(55.5341, 57.1639, 28.8126)

Have a look what the booklet for
XYZ(55.5341, 57.1639, 28.8126)
contains.

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Color

**XYZ(55.4725, 57.1092,
28.8683)**

Conversions

Conversions Part 1

Format	Color
Hex	E4C381
RGB	228, 195, 129
RGB Percent	89%, 76%, 51%
CMY	0.1059, 0.2353, 0.4941
CMYK	0.00, 0.14, 0.43, 0.11
HSL	40°, 65%, 70%
HSV	40°, 43%, 89%
XYZ	55.4725, 57.1092, 28.8683
YIQ	197.3430, 40.8540, -13.5300

Conversions

Conversions Part 2

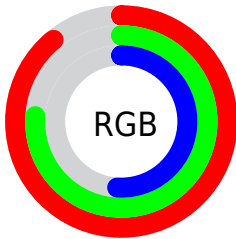
Format	Color
RYB	179, 228, 129
Decimal	14992257
CIELab	80.24, 3.01, 37.45
CIELCh	80, 37.569, 85.398
Yxy	57.1092, 0.3922, 0.4037
Android (android.graphics.Color)	4293182337 (0xFFE4C381)
YUV	197.3430, -33.6931, 26.8862
Hunter-Lab	75.5706, -1.2210, 30.2504

Details

The XYZ color **55.4725, 57.1092, 28.8683** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **35.9768, 36.1079, 78.4721**, and the grayscale version is **53.4596, 56.2437, 61.2494**.

A 20% lighter version of the original color is **84.2844, 93.6733, 58.4382**, and **27.8427, 28.5540, 11.2517** is the 20% darker color. If you saturate the color by 10%, you get **52.4638, 53.2524, 21.2044**, and if you desaturate by 10%, it is **58.9089, 61.2799, 38.3442**.

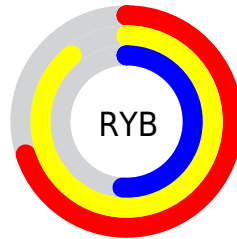
Distribution



Red (89%)

Green (76%)

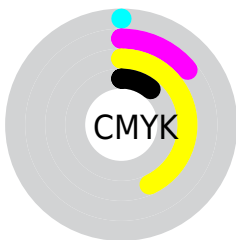
Blue (51%)



Red (70%)

Yellow (89%)

Blue (51%)

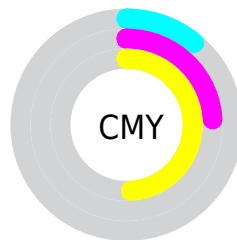


Cyan (0%)

Magenta (14%)

Yellow (43%)

Black (11%)



Cyan (11%)

Magenta (24%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4725, 57.1092, 28.8683 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 55.4725, 57.1092, 28.8683 by changing the saturation by 10% instead.

■ 55.4725, 57.1092,
28.8683

■ 55.4725, 57.1092,
28.8683

397.8079,
413.8584, 310.6345

■ 40.0155, 41.0929,
18.7365

■ 97.3772, 100.6245,
58.9075

■ 27.7349, 28.3917,
11.3051

■ 124.5556,
128.8923, 79.6519

■ 18.2653, 18.6211,
6.1557

■ 156.3718,
162.0128, 104.7710

■ 11.2415, 11.3968,
2.8697

193.1912,
200.3703, 134.6832

■ 6.2980, 6.3344,
1.0285

235.3792,
244.3492, 169.8071

■ 3.0695, 3.0495,
0.0000

283.3010,

■ 1.1906, 1.1576,

294.3339, 210.5613

0.0000

337.3221,
350.7088, 257.3642

■ 0.0989, 0.0267,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.4725, 57.1092,
28.8683

■ 55.4725, 57.1092,
28.8683

■ 52.4638, 53.2524,
21.2044

■ 58.9089, 61.2799,
38.3442

■ 49.8544, 49.6899,
15.2287


■ 62.7906, 65.7672,
49.7377

■ 47.6190, 46.4115,
10.8074


■ 67.1392, 70.5839,
63.1506

■ 45.7266, 43.4027,
7.7845


■ 71.9737, 75.7395,
78.6762


 44.1401, 40.6465,
5.9711

 77.3117, 81.2429,
96.4022

 43.2251, 38.9544,
5.2407

 81.3815, 86.3872,
106.9929

 83.6730, 90.9702,
107.7567

 85.8049, 95.2340,
108.4673

Harmonies

Analogous

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



63.0936, 57.1092, 33.4931



55.4725, 57.1092, 28.8683



48.1977, 57.1092, 31.2994

Triad

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



55.4725, 57.1092, 28.8683



42.0183, 57.1092, 82.1137



67.3472, 57.1092, 89.3834

Complementary

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



55.4725, 57.1092, 28.8683



35.9768, 36.1079, 78.4721

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.



60.8548, 57.1092, 108.6726



55.4725, 57.1092, 28.8683



46.3290, 57.1092, 103.8295

Square

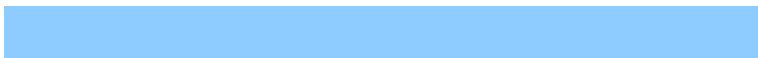
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.4725, 57.1092, 28.8683



40.8674, 57.1092, 58.8545



53.1059, 57.1092, 114.4989



70.3479, 57.1092, 65.6330

Rectangle

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



55.4725, 57.1092, 28.8683



44.4427, 57.1092, 36.9897



53.1059, 57.1092, 114.4989



65.4727, 57.1092, 96.8049

Sweetspot

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



55.4739, 57.1119, 28.8695



86.7409, 91.1982, 82.0332



46.3671, 34.8037, 38.4570



18.2873, 19.2164, 16.6828



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.



55.4739, 57.1119, 28.8695



68.0241, 69.1678, 28.3080



58.7135, 70.9947, 31.3784



15.1757, 15.9654, 15.1862



25.0730, 22.7202, 3.0639



1.9373, 1.8480, 0.2546

Inverse Universe

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



35.9768, 36.1079, 78.4721



39.8770, 38.8753, 100.0097



33.6197, 27.3679, 76.9093



13.9733, 14.6680, 18.2391



9.6755, 6.4131, 43.1111



0.7979, 0.6398, 3.2134

Previews

White Background



This preview shows how the XYZ color 55.4725, 57.1092, 28.8683 looks on a white background.

Color Contrast Check

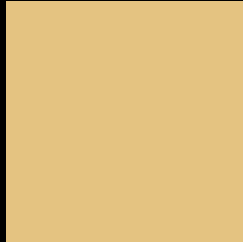
Large Text (above 18pt) WCAG AA × Fail

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 55.4725, 57.1092, 28.8683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

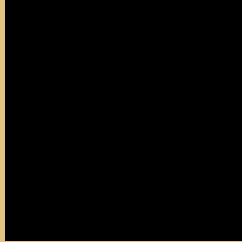
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.4725, 57.1092, 28.8683

Background



This preview shows how black text looks on a background with the XYZ color 55.4725, 57.1092, 28.8683.



This preview shows how white text looks on a background with the XYZ color 55.4725, 57.1092,

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

55.4725, 57.1092, 28.8683

Protanopia

52.8391, 57.0845, 29.7062

Deuteranopia

58.0393, 56.7893, 29.0215



Tritanopia

62.3625, 56.9970, 62.9730

Trichromacy



Original Color

55.4725, 57.1092, 28.8683

Protanomaly

53.7385, 57.2155, 29.3305

Deuteranomaly

57.1399, 56.9731, 29.1044

Tritanomaly

59.2142, 56.6461, 48.3703

Monochromacy



Original Color

55.4725, 57.1092, 28.8683

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.1987, 55.8683, 47.0095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4725, 57.1092, 28.8683 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(228, 195, 129)` looks like.

```
.text, #text, p{  
    color:rgb(228, 195, 129)  
}
```

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(228, 195, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 195, 129) }
```

Border

The CSS property to change the border of an element to XYZ 55.4725, 57.1092, 28.8683 is called "border". The border property can be set on classes, ids or directly on the HTML element.

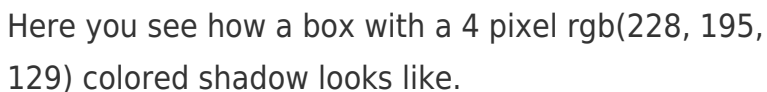
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(228, 195, 129) }
```


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

```
.border{ border-color:rgb(228, 195, 129) }
```

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



Here you see how a box with a 4 pixel `rgb(228, 195, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 195, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 195, 129); box-shadow:4px 4px 4px 4px rgb(228, 195, 129) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4725, 57.1092, 28.8683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 195, 129) }
```

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

```
.background{ background-color: rgb(228,  
195, 129) }
```

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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