

Converting Colors

XYZ(60.0388, 62.5399, 35.5905)

Have a look what the booklet for
XYZ(60.0388, 62.5399, 35.5905)
contains.

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Color

**XYZ(59.9824, 62.3859,
35.6683)**

Conversions

Conversions Part 1

Format	Color
Hex	E8CC91
RGB	232, 204, 145
RGB Percent	91%, 80%, 57%
CMY	0.0902, 0.2000, 0.4314
CMYK	0.00, 0.12, 0.37, 0.09
HSL	41°, 65%, 74%
HSV	41°, 37%, 91%
XYZ	59.9824, 62.3859, 35.6683
YIQ	205.6460, 35.6270, -12.4130

Conversions

Conversions Part 2

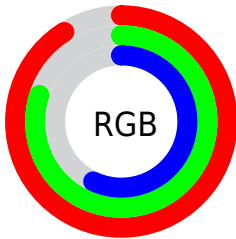
Format	Color
R _Y B	186, 232, 145
Decimal	15256721
CIE Lab	83.12, 1.64, 33.02
CIE LCh	83, 33.064, 87.153
Yxy	62.3859, 0.3795, 0.3948
Android (android.graphics.Color)	4293446801 (0xFFE8CC91)
YUV	205.6460, -29.8985, 23.1125
Hunter-Lab	78.9847, -2.6673, 28.5149

Details

The XYZ color **59.9824, 62.3859, 35.6683** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.1856, 41.7316, 82.2281**, and the grayscale version is **58.6103, 61.6626, 67.1506**.

A 20% lighter version of the original color is **87.3088, 96.9035, 68.1354**, and **30.6059, 31.7348, 15.1020** is the 20% darker color. If you saturate the color by 10%, you get **56.6414, 58.2803, 26.6120**, and if you desaturate by 10%, it is **63.7769, 66.8135, 46.6794**.

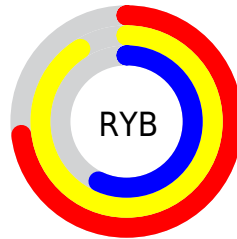
Distribution



Red (91%)

Green (80%)

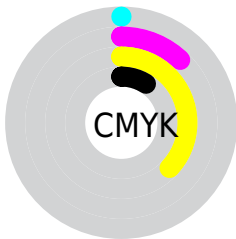
Blue (57%)



Red (73%)

Yellow (91%)

Blue (57%)

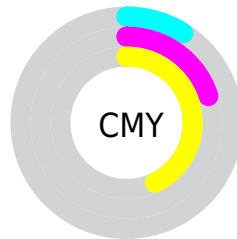


Cyan (0%)

Magenta (12%)

Yellow (37%)

Black (9%)



Cyan (9%)


Magenta (20%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.9824, 62.3859, 35.6683 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 59.9824, 62.3859, 35.6683 by changing the saturation by 10% instead.


 59.9824, 62.3859,
35.6683

 59.9824, 62.3859,
35.6683


414.3687,
433.3373, 342.5019

 43.6539, 45.3446,
23.8905


 103.9106,
108.2831, 69.6831

 30.5952, 31.7289,
15.0409


 132.2410,
137.9077, 92.7571

 20.4411, 21.1545,
8.7012

165.3027,
172.4956, 120.4335

 12.8262, 13.2370,
4.4526

203.4611,
212.4311, 153.1310

 7.3852, 7.5920,
1.8768

247.0816,
258.0986, 191.2681

 3.7526, 3.8350,
0.4779

296.5294,

 1.5631, 1.5817,

309.8826, 235.2632

0.0000

352.1700,
368.1674, 285.5349

■ 0.3682, 0.3452,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.9824, 62.3859,
35.6683

■ 59.9824, 62.3859,
35.6683

■ 56.6414, 58.2803,
26.6120

■ 63.7769, 66.8135,
46.6794

■ 53.7257, 54.4768,
19.3883

■ 68.0419, 71.5650,
59.7496

■ 51.2108, 50.9659,
13.8673

■ 72.7990, 76.6530,
74.9807

■ 49.0672, 47.7338,
9.9001

■ 78.0671, 82.0870,
92.4662

■ 47.2607, 44.7649,
7.3121

■ 82.8824, 87.4831,
107.1253

■ 45.7456, 42.0388,
5.8698

■ 85.1417, 92.0019,
107.8784

■ 45.3946, 41.3876,
5.5961

■ 87.0887, 95.8958,
108.5274

Harmonies

Analogous

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



67.0809, 62.3859, 39.8963



59.9824, 62.3859, 35.6683



53.2325, 62.3859, 38.5385

Triad

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



59.9824, 62.3859, 35.6683



47.8704, 62.3859, 87.5564



71.6300, 62.3859, 91.6358

Complementary

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



59.9824, 62.3859, 35.6683



41.1856, 41.7316, 82.2281

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.



65.8032, 62.3859, 109.3959



59.9824, 62.3859, 35.6683



52.1378, 62.3859, 106.7271

Square

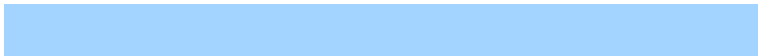
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.9824, 62.3859, 35.6683



46.5815, 62.3859, 65.9879



58.6147, 62.3859, 115.4059



74.1360, 62.3859, 69.9050

Rectangle

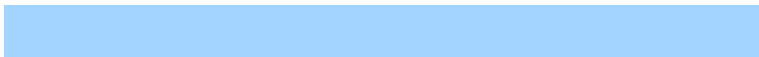
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.9824, 62.3859, 35.6683



49.7643, 62.3859, 44.4883



58.6147, 62.3859, 115.4059



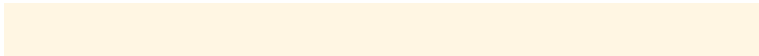
69.9729, 62.3859, 98.4225

Sweetspot

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



59.9840, 62.3888, 35.6696



88.0461, 92.6991, 85.8891



51.0445, 40.4632, 45.1649



18.6722, 19.6566, 17.8273



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.



59.9840, 62.3888, 35.6696



71.0833, 73.3432, 35.3179



62.7318, 74.5861, 37.8791



15.1901, 15.9942, 15.1910



25.3201, 23.2143, 3.1463



1.9543, 1.8819, 0.2602

Inverse Universe

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



41.1856, 41.7316, 82.2281



44.6639, 44.3302, 100.8103



39.0889, 33.4999, 80.7498



13.9596, 14.6405, 18.2345



9.5710, 6.2041, 43.0762



0.7890, 0.6219, 3.2104

Previews

White Background



This preview shows how the XYZ color 59.9824, 62.3859, 35.6683 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 59.9824, 62.3859, 35.6683 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 59.9824, 62.3859, 35.6683

Background



This preview shows how black text looks on a background with the XYZ color 59.9824, 62.3859, 35.6683.



This preview shows how white text looks on a background with the XYZ color 59.9824, 62.3859,

35.6683.

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

59.9824, 62.3859, 35.6683

Protanopia

57.9326, 62.3889, 36.1830

Deuteranopia

63.3884, 62.0563, 35.8313



Tritanopia

67.0944, 62.5337, 70.1620

Trichromacy



Original Color

59.9824, 62.3859, 35.6683

Protanomaly

58.6236, 62.3867, 36.1462

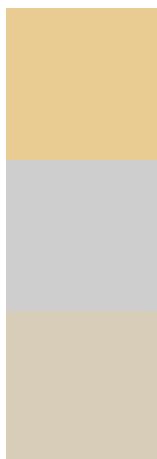
Deuteranomaly

62.1182, 62.0846, 35.9037

Tritanomaly

63.9851, 62.2676, 55.6602

Monochromacy



Original Color

59.9824, 62.3859, 35.6683

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.5074, 61.5704, 54.1480

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9824, 62.3859, 35.6683 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(232, 204, 145)` looks like.

```
.text, #text, p{  
    color:rgb(232, 204, 145)  
}
```

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(232, 204, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 204, 145) }
```

Border

The CSS property to change the border of an element to XYZ 59.9824, 62.3859, 35.6683 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(232, 204, 145) }
```


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

```
.border{ border-color:rgb(232, 204, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 204, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 204, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 204, 145);  
box-shadow:4px 4px 4px 4px rgb(232, 204,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9824, 62.3859, 35.6683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 204, 145) }
```

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

```
.background{ background-color: rgb(232,  
204, 145) }
```

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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