

Converting Colors

XYZ(61.7682, 62.2487, 36.1181)

Have a look what the booklet for
XYZ(61.7682, 62.2487, 36.1181)
contains.

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Color

**XYZ(61.6716, 62.1993,
35.9494)**

Conversions

Conversions Part 1

Format	Color
Hex	EFC992
RGB	239, 201, 146
RGB Percent	94%, 79%, 57%
CMY	0.0627, 0.2117, 0.4274
CMYK	0.00, 0.16, 0.39, 0.06
HSL	35°, 74%, 75%
HSV	35°, 39%, 94%
XYZ	61.6716, 62.1993, 35.9494
YIQ	206.0920, 40.3030, -9.0490

Conversions

Conversions Part 2

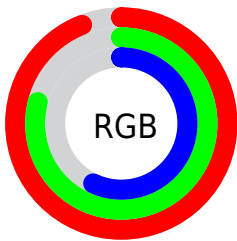
Format	Color
R _Y B	210, 239, 146
Decimal	15714706
CIE Lab	83.02, 6.06, 32.49
CIE LCh	83, 33.051, 79.439
Yxy	62.1993, 0.3859, 0.3892
Android (android.graphics.Color)	4293904786 (0xFFEFC992)
YUV	206.0920, -29.6254, 28.8603
Hunter-Lab	78.8665, 1.5660, 28.1807

Details

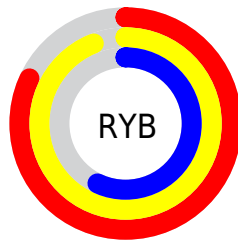
The XYZ color **61.6716, 62.1993, 35.9494** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.5741, 46.6226, 88.3112**, and the grayscale version is **58.8921, 61.9591, 67.4735**.

A 20% lighter version of the original color is **87.4253, 96.9501, 68.7490**, and **31.5553, 31.5174, 15.2468** is the 20% darker color. If you saturate the color by 10%, you get **57.7994, 57.1255, 26.4255**, and if you desaturate by 10%, it is **66.0803, 67.7238, 47.5708**.

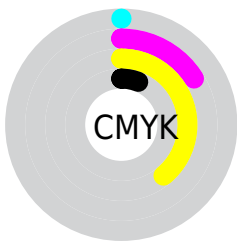
Distribution



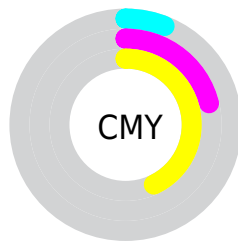
- Red (94%)
- Green (79%)
- Blue (57%)



- Red (82%)
- Yellow (94%)
- Blue (57%)



- Cyan (0%)
- Magenta (16%)
- Yellow (39%)
- Black (6%)





- Cyan (6%)
- Magenta (21%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.6716, 62.1993, 35.9494 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 61.6716, 62.1993, 35.9494 by changing the saturation by 10% instead.


 61.6716, 62.1993,
35.9494


 61.6716, 62.1993,
35.9494


420.4689,
432.6577, 343.7700

 45.0220, 45.1938,
24.1057


 106.3434,
108.0135, 70.1221

 31.6761, 31.6101,
15.1991


 135.0963,
137.5910, 93.2883

 21.2686, 21.0638,
8.8111


168.6143,
172.1279, 121.0656

 13.4340, 13.1707,
4.5230

207.2628,
212.0086, 153.8728

 7.8072, 7.5462,
1.9165

251.4071,
257.6176, 192.1283

 4.0226, 3.8060,
0.5032

301.4127,

 1.7149, 1.5656,

309.3391, 236.2506

0.0000

357.6448,
367.5577, 286.6584

■ 0.4656, 0.3343,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.6716, 62.1993,
35.9494

■ 61.6716, 62.1993,
35.9494

■ 57.7994, 57.1255,
26.4255

■ 66.0803, 67.7238,
47.5708

■ 54.4319, 52.4786,
18.8659

■ 71.0458, 73.7044,
61.4043

■ 51.5409, 48.2452,
13.1278

■ 76.5927, 80.1572,
77.5605

■ 49.0924, 44.4071,
9.0473

■ 82.7426, 87.0951,
96.1414

■ 47.0470, 40.9440,
6.4303

■ 87.7787, 93.8348,
108.0932

■ 45.3465, 37.8277,
4.9862

■ 89.4067, 97.0908,
108.6359

■ 45.1743, 37.5060,
4.8584

Harmonies

Analogous

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



68.5065, 62.1993, 42.0217



61.6716, 62.1993, 35.9494



54.6645, 62.1993, 36.9925

Triad

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



61.6716, 62.1993, 35.9494



47.0901, 62.1993, 81.6765



70.1785, 62.1993, 96.6560

Complementary

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



61.6716, 62.1993, 35.9494



44.5741, 46.6226, 88.3112

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.



63.8082, 62.1993, 111.9991



61.6716, 62.1993, 35.9494



50.6301, 62.1993, 102.2173

Square

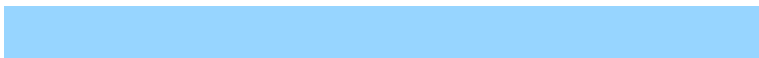
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.6716, 62.1993, 35.9494



46.6188, 62.1993, 60.7683



56.6370, 62.1993, 114.2175



73.6739, 62.1993, 75.1922

Rectangle

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



61.6716, 62.1993, 35.9494



50.8160, 62.1993, 41.6628



56.6370, 62.1993, 114.2175



68.2796, 62.1993, 102.8698

Sweetspot

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



61.6732, 62.2022, 35.9507



86.6496, 90.4649, 83.7003



54.6066, 42.4014, 51.0676



18.3639, 19.1516, 17.3809



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.



61.6732, 62.2022, 35.9507



67.7036, 67.1732, 32.3744



69.0909, 80.8391, 39.1570



16.5500, 17.3131, 16.6192



25.0965, 20.9911, 2.7290



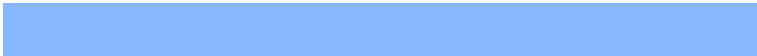
2.1854, 1.9414, 0.2595

Inverse Universe

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



44.5741, 46.6226, 88.3112



45.2301, 46.7119, 101.2402



39.1385, 33.6361, 86.0911



15.4275, 16.2892, 20.0526



11.1266, 8.4774, 46.1777



1.0211, 0.8961, 3.8734

Previews

White Background



This preview shows how the XYZ color 61.6716, 62.1993, 35.9494 looks on a white background.

Color Contrast Check

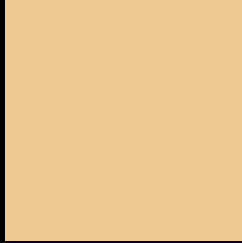
Large Text (above 18pt) WCAG AA × Fail

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 61.6716, 62.1993, 35.9494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

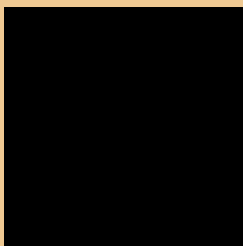
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.6716, 62.1993, 35.9494

Background



This preview shows how black text looks on a background with the XYZ color 61.6716, 62.1993, 35.9494.



This preview shows how white text looks on a background with the XYZ color 61.6716, 62.1993,

35.9494.

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

61.6716, 62.1993, 35.9494

Protanopia

58.0895, 62.4517, 37.0097

Deuteranopia

63.4666, 62.0876, 36.2428



Tritanopia

68.1113, 62.1065, 68.0724

Trichromacy



Original Color

61.6716, 62.1993, 35.9494

Protanomaly

59.4109, 62.4272, 36.5221

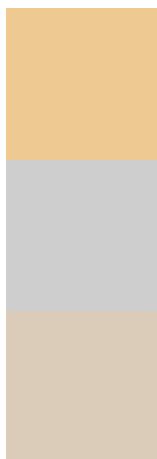
Deuteranomaly

62.6520, 62.0081, 36.2704

Tritanomaly

65.4590, 62.0373, 54.4233

Monochromacy



Original Color

61.6716, 62.1993, 35.9494

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.1580, 61.5518, 54.1101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6716, 62.1993, 35.9494 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, 201, 146)` looks like.

```
.text, #text, p{  
    color:rgb(239, 201, 146)  
}
```

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, 201, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 201, 146) }
```

Border

The CSS property to change the border of an element to XYZ 61.6716, 62.1993, 35.9494 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, 201, 146) }
```


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

```
.border{ border-color:rgb(239, 201, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 201, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 201, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 201, 146);  
box-shadow:4px 4px 4px 4px rgb(239, 201,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6716, 62.1993, 35.9494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 201, 146) }
```

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

```
.background{ background-color: rgb(239,  
201, 146) }
```

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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