

Converting Colors

XYZ(61.5520, 63.2039, 35.3410)

Have a look what the booklet for
XYZ(61.5520, 63.2039, 35.3410)
contains.

XYZ(61.5520, 63.2039, 35.3410)	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(61.5520, 63.2039,
35.3410)**

Conversions

Conversions Part 1

Format	Color
Hex	EDCC90
RGB	237, 204, 144
RGB Percent	93%, 80%, 56%
CMY	0.0706, 0.2000, 0.4353
CMYK	0.00, 0.14, 0.39, 0.07
HSL	39°, 72%, 75%
HSV	39°, 39%, 93%
XYZ	61.5520, 63.2039, 35.3410
YIQ	207.0270, 38.9280, -11.6640

Conversions

Conversions Part 2

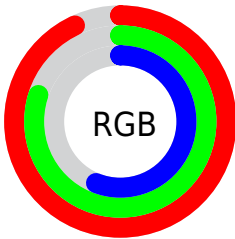
Format	Color
R _{YB}	195, 237, 144
Decimal	15584400
CIE Lab	83.55, 3.49, 34.19
CIE LCh	84, 34.368, 84.168
Yxy	63.2039, 0.3845, 0.3948
Android (android.graphics.Color)	4293774480 (0xFFEDCC90)
YUV	207.0270, -31.0723, 26.2863
Hunter-Lab	79.5009, -0.9264, 29.2941

Details

The XYZ color **61.5520, 63.2039, 35.3410** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **42.5094, 43.4866, 86.2741**, and the grayscale version is **59.5033, 62.6021, 68.1737**.

A 20% lighter version of the original color is **87.1930, 96.8572, 67.5258**, and **31.7045, 32.3063, 14.9207** is the 20% darker color. If you saturate the color by 10%, you get **57.9829, 58.6666, 26.1333**, and if you desaturate by 10%, it is **65.6124, 68.1150, 46.5898**.

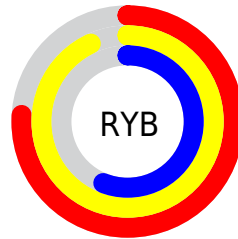
Distribution



Red (93%)

Green (80%)

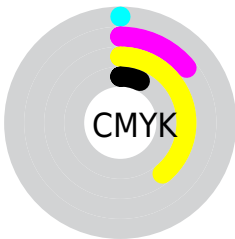
Blue (56%)



Red (76%)

Yellow (93%)

Blue (56%)

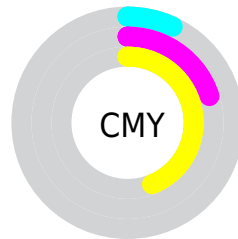


Cyan (0%)

Magenta (14%)

Yellow (39%)

Black (7%)



Cyan (7%)


Magenta (20%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.5520, 63.2039, 35.3410 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 61.5520, 63.2039, 35.3410 by changing the saturation by 10% instead.


 61.5520, 63.2039,
35.3410

 61.5520, 63.2039,
35.3410


420.0387,
436.3091, 341.0208

 44.9250, 46.0062,
23.6400


 106.1714,
109.4636, 69.1712

 31.5994, 32.2507,
14.8571


 134.8945,
139.2944, 92.1376

 21.2098, 21.5531,
8.5736


168.3804,
174.1050, 119.6961

 13.3908, 13.5289,
4.3711

206.9944,
214.2798, 152.2654

 7.7770, 7.7937,
1.8311

251.1019,
260.2033, 190.2640

 4.0032, 3.9632,
0.4483

301.0682,

 1.7039, 1.6530,

312.2597, 234.1104

0.0000

357.2587,
370.8335, 284.2232

■ 0.4587, 0.3930,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.5520, 63.2039,
35.3410

■ 61.5520, 63.2039,
35.3410

■ 57.9829, 58.6666,
26.1333

■ 65.6124, 68.1150,
46.5898

■ 54.8748, 54.4813,
18.8359

■ 70.1830, 73.4032,
59.9917

■ 52.2007, 50.6368,
13.3089

■ 75.2872, 79.0826,
75.6552

■ 49.9284, 47.1174,
9.3912

■ 80.9455, 85.1641,
93.6801

■ 48.0201, 43.9051,
6.8919

■ 85.9453, 91.1651,
107.6746

■ 46.4174, 40.9735,
5.5140

■ 88.5618, 96.3979,
108.5467

■ 46.3027, 40.7598,
5.4270

■ 88.7351, 96.7445,
108.6045

Harmonies

Analogous

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



68.9258, 63.2039, 40.4492



61.5520, 63.2039, 35.3410



54.3553, 63.2039, 37.5729

Triad

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



61.5520, 63.2039, 35.3410



47.8430, 63.2039, 87.1689



72.5524, 63.2039, 95.9662

Complementary

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



61.5520, 63.2039, 35.3410



42.5094, 43.4866, 86.2741

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.



66.1791, 63.2039, 113.8438



61.5520, 63.2039, 35.3410



52.0134, 63.2039, 108.0691

Square

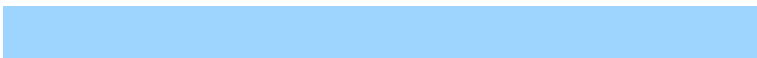
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.5520, 63.2039, 35.3410



46.8274, 63.2039, 64.7029



58.6187, 63.2039, 118.6799



75.6078, 63.2039, 73.1046

Rectangle

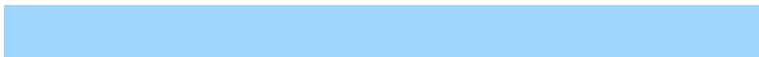
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.5520, 63.2039, 35.3410



50.5667, 63.2039, 43.2208



58.6187, 63.2039, 118.6799



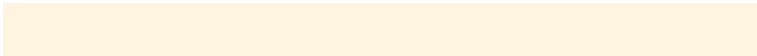
70.7027, 63.2039, 102.9337

Sweetspot

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



61.5536, 63.2068, 35.3423



87.1428, 91.4514, 83.8647



52.9447, 41.1701, 47.3290



18.4802, 19.3841, 17.4196



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.



61.5536, 63.2068, 35.3423



69.2873, 70.3406, 32.9023



66.2453, 78.5255, 38.0518



15.8763, 16.6756, 15.9007



25.4078, 22.5098, 3.0057



2.0852, 1.9477, 0.2660

Inverse Universe

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



42.5094, 43.4866, 86.2741



43.9207, 44.0932, 100.8037



39.0478, 33.1696, 84.4651



14.6685, 15.4233, 19.1261



10.1922, 7.0314, 44.5630



0.8882, 0.7278, 3.5285

Previews

White Background



This preview shows how the XYZ color 61.5520, 63.2039, 35.3410 looks on a white background.

Color Contrast Check

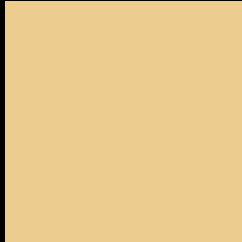
Large Text (above 18pt) WCAG AA × Fail

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 61.5520, 63.2039, 35.3410 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 61.5520, 63.2039, 35.3410

Background



This preview shows how black text looks on a background with the XYZ color 61.5520, 63.2039, 35.3410.



This preview shows how white text looks on a background with the XYZ color 61.5520, 63.2039,

35.3410.

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

61.5520, 63.2039, 35.3410

Protanopia

58.7955, 63.1946, 36.2931

Deuteranopia

64.2457, 62.8476, 35.5328



Tritanopia

68.5812, 62.9665, 70.1671

Trichromacy



Original Color

61.5520, 63.2039, 35.3410

Protanomaly

59.7368, 63.3280, 35.8631

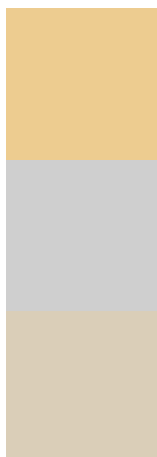
Deuteranomaly

63.3057, 63.0507, 35.6215

Tritanomaly

65.4394, 62.6768, 55.6625

Monochromacy



Original Color

61.5520, 63.2039, 35.3410

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.6365, 62.5087, 54.2696

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5520, 63.2039, 35.3410 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(237, 204, 144)` looks like.

```
.text, #text, p{  
    color:rgb(237, 204, 144)  
}
```

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(237, 204, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 204, 144) }
```

Border

The CSS property to change the border of an element to XYZ 61.5520, 63.2039, 35.3410 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(237, 204, 144) }
```


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

```
.border{ border-color:rgb(237, 204, 144) }
```

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

Here you see how a box with a 4 pixel rgb(237, 204, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 204, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 204, 144);  
box-shadow:4px 4px 4px 4px rgb(237, 204,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5520, 63.2039, 35.3410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 204, 144) }
```

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

```
.background{ background-color: rgb(237,  
204, 144) }
```

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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