

Converting Colors

XYZ(61.8027, 65.2724, 34.4448)

Have a look what the booklet for
XYZ(61.8027, 65.2724, 34.4448)
contains.

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Color

**XYZ(61.8691, 65.1862,
34.5206)**

Conversions

Conversions Part 1

Format	Color
Hex	EBD18D
RGB	235, 209, 141
RGB Percent	92%, 82%, 55%
CMY	0.0784, 0.1804, 0.4471
CMYK	0.00, 0.11, 0.40, 0.08
HSL	43°, 70%, 74%
HSV	43°, 40%, 92%
XYZ	61.8691, 65.1862, 34.5206
YIQ	209.0220, 37.3240, -15.6360

Conversions

Conversions Part 2

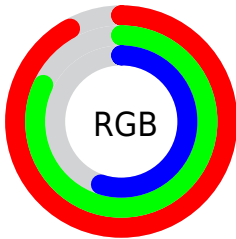
Format	Color
RYB	177, 235, 141
Decimal	15454605
CIELab	84.58, -0.21, 37.04
CIElCh	85, 37.038, 90.319
Yxy	65.1862, 0.3829, 0.4034
Android (android.graphics.Color)	4293644685 (0xFFEBD18D)
YUV	209.0220, -33.5348, 22.7827
Hunter-Lab	80.7380, -4.5078, 31.1663

Details

The XYZ color **61.8691, 65.1862, 34.5206** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **39.7981, 39.2969, 84.0846**, and the grayscale version is **60.8150, 63.9821, 69.6765**.

A 20% lighter version of the original color is **86.8503, 96.7201, 65.7211**, and **31.9269, 33.6459, 14.4844** is the 20% darker color. If you saturate the color by 10%, you get **58.7412, 61.4380, 25.7475**, and if you desaturate by 10%, it is **65.4363, 69.2190, 45.2719**.

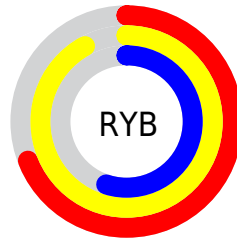
Distribution



Red (92%)

Green (82%)

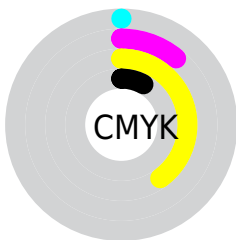
Blue (55%)



Red (69%)

Yellow (92%)

Blue (55%)

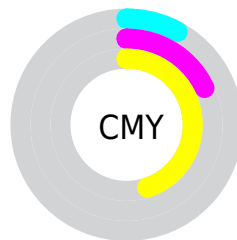


Cyan (0%)

Magenta (11%)

Yellow (40%)

Black (8%)



Cyan (8%)

Magenta (18%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8691, 65.1862, 34.5206 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 61.8691, 65.1862, 34.5206 by changing the saturation by 10% instead.

61.8691, 65.1862,
34.5206

61.8691, 65.1862,
34.5206

421.1786,
443.4608, 337.2869

45.1821, 47.6121,
23.0132

106.6273,
112.3175, 67.8856

31.8028, 33.5198,
14.3979

135.4293,
142.6435, 90.5802

21.3657, 22.5249,
8.2560

169.0003,
177.9889, 117.8411

13.5056, 14.2431,
4.1691

207.7058,
218.7381, 150.0866

7.8570, 8.2900,
1.7186

251.9109,
265.2755, 187.7355

4.0546, 4.2810,
0.3734

301.9812,

1.7331, 1.8320,

317.9855, 231.2061

0.0000

358.2820,
377.2524, 280.9171

■ 0.4768, 0.5070,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.8691, 65.1862,
34.5206

■ 61.8691, 65.1862,
34.5206

■ 58.7412, 61.4380,
25.7475

■ 65.4363, 69.2190,
45.2719

■ 56.0233, 57.9543,
18.8237

■ 69.4603, 73.5373,
58.1112

■ 53.6899, 54.7259,
13.6112

■ 73.9635, 78.1538,
73.1454

■ 51.7100, 51.7393,
9.9508

■ 78.9650, 83.0773,
90.4723

■ 50.0468, 48.9784,
7.6533

■ 83.9141, 88.0885,
107.1878

■ 48.6384, 46.4171,
6.3959

■ 85.8775, 92.0154,
107.8423

■ 48.6383, 46.4169,
6.3958

■ 87.9103, 96.0810,
108.5199

■ 88.0709, 96.4021,
108.5734

Harmonies

Analogous

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



70.1580, 65.1862, 38.3434



61.8691, 65.1862, 34.5206



54.2819, 65.1862, 38.5117

Triad

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



61.8691, 65.1862, 34.5206



49.2358, 65.1862, 96.4993



76.8032, 65.1862, 95.9617

Complementary

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



61.8691, 65.1862, 34.5206



39.7981, 39.2969, 84.0846

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.



70.3246, 65.1862, 117.9178



61.8691, 65.1862, 34.5206



54.4223, 65.1862, 118.2736

Square

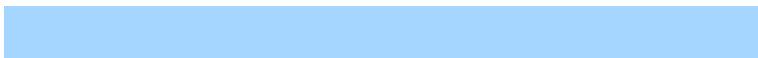
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.8691, 65.1862, 34.5206



47.3960, 65.1862, 71.2304



62.0460, 65.1862, 126.8591



79.2323, 65.1862, 70.7236

Rectangle

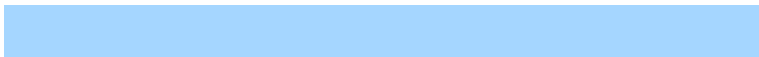
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.8691, 65.1862, 34.5206



50.5222, 65.1862, 45.7184



62.0460, 65.1862, 126.8591



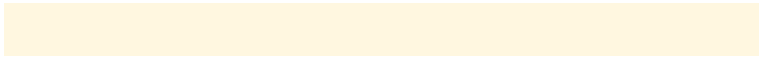
75.0000, 65.1862, 104.1553

Sweetspot

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



61.8707, 65.1892, 34.5219



87.8685, 92.9029, 84.1066



50.8199, 39.5260, 41.8184



18.6515, 19.7266, 17.4767



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.



61.8707, 65.1892, 34.5219



71.3427, 74.7357, 32.7110



62.4330, 75.7313, 36.5271



15.9794, 16.8817, 15.9350



27.1819, 26.0579, 3.5970



2.2143, 2.2060, 0.3091

Inverse Universe

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



39.7981, 39.2969, 84.0846



41.3776, 39.6096, 100.0723



39.2928, 32.6639, 82.8309



14.5702, 15.2269, 19.0934



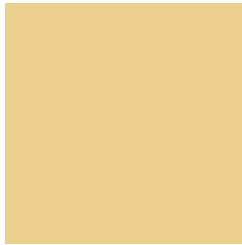
9.4891, 5.6252, 44.3286



0.8235, 0.5984, 3.5070

Previews

White Background



This preview shows how the XYZ color 61.8691, 65.1862, 34.5206 looks on a white background.

Color Contrast Check

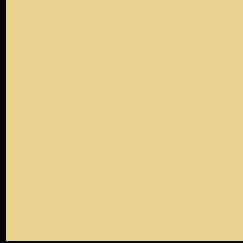
Large Text (above 18pt) WCAG AA × Fail

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 61.8691, 65.1862, 34.5206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

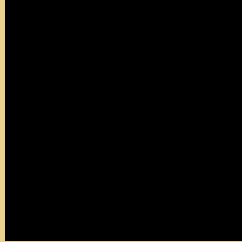
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.8691, 65.1862, 34.5206

Background



This preview shows how black text looks on a background with the XYZ color 61.8691, 65.1862, 34.5206.



This preview shows how white text looks on a background with the XYZ color 61.8691, 65.1862,

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

61.8691, 65.1862, 34.5206

Protanopia

60.4898, 65.1995, 34.9878

Deuteranopia

66.5110, 65.0767, 34.6467



Tritanopia

69.8822, 65.2695, 73.2051

Trichromacy



Original Color

61.8691, 65.1862, 34.5206

Protanomaly

60.8841, 65.0351, 34.9353

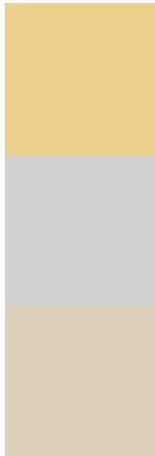
Deuteranomaly

64.7198, 65.2085, 34.7666

Tritanomaly

66.3682, 64.8680, 56.5997

Monochromacy



Original Color

61.8691, 65.1862, 34.5206

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.3656, 63.9670, 54.5127

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8691, 65.1862, 34.5206 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(235, 209, 141)` looks like.

```
.text, #text, p{  
    color:rgb(235, 209, 141)  
}
```

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(235, 209, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 209, 141) }
```

Border

The CSS property to change the border of an element to XYZ 61.8691, 65.1862, 34.5206 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(235, 209, 141) }
```


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

```
.border{ border-color:rgb(235, 209, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 209, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 209, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 209, 141); box-shadow:4px 4px 4px 4px rgb(235, 209, 141) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8691, 65.1862, 34.5206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 209, 141) }
```

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

```
.background{ background-color: rgb(235,  
209, 141) }
```

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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