

Converting Colors

XYZ(62.5718, 67.1447, 34.6380)

Have a look what the booklet for
XYZ(62.5718, 67.1447, 34.6380)
contains.

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Color

**XYZ(62.4596, 66.9744,
34.4463)**

Conversions

Conversions Part 1

Format	Color
Hex	EAD58C
RGB	234, 213, 140
RGB Percent	92%, 84%, 55%
CMY	0.0824, 0.1647, 0.4510
CMYK	0.00, 0.09, 0.40, 0.08
HSL	47°, 69%, 73%
HSV	47°, 40%, 92%
XYZ	62.4596, 66.9744, 34.4463
YIQ	210.9570, 35.9490, -18.2510

Conversions

Conversions Part 2

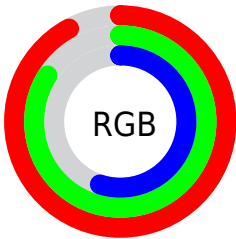
Format	Color
RYB	167, 234, 140
Decimal	15390092
CIELab	85.49, -2.76, 38.71
CIELCh	85, 38.805, 94.080
Yxy	66.9744, 0.3811, 0.4087
Android (android.graphics.Color)	4293580172 (0xFFEAD58C)
YUV	210.9570, -34.9818, 20.2087
Hunter-Lab	81.8379, -6.9831, 32.3308

Details

The XYZ color **62.4596, 66.9744, 34.4463** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.4111, 37.0046, 82.9600**, and the grayscale version is **62.0971, 65.3310, 71.1454**.

A 20% lighter version of the original color is **86.7376, 96.6750, 65.1275**, and **32.3328, 34.8647, 14.4766** is the 20% darker color. If you saturate the color by 10%, you get **59.6215, 63.7719, 25.8741**, and if you desaturate by 10%, it is **65.7104, 70.4146, 44.9676**.

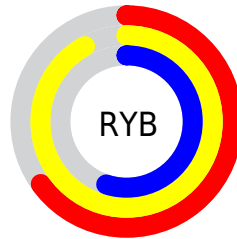
Distribution



Red (92%)

Green (84%)

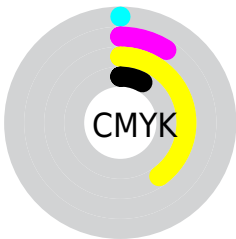
Blue (55%)



Red (65%)

Yellow (92%)

Blue (55%)

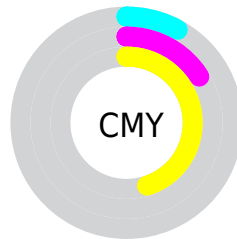


Cyan (0%)

Magenta (9%)

Yellow (40%)

Black (8%)



Cyan (8%)

Magenta (16%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4596, 66.9744, 34.4463 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 62.4596, 66.9744, 34.4463 by changing the saturation by 10% instead.

62.4596, 66.9744,
34.4463

62.4596, 66.9744,
34.4463

423.2965,
449.8536, 336.9472

45.6612, 49.0638,
22.9565

107.4757,
114.8837, 67.7689

32.1820, 34.6701,
14.3564

136.4241,
145.6513, 90.4388

21.6568, 23.4089,
8.2274

170.1532,
181.4733, 117.6726

13.7201, 14.8957,
4.1509

209.0283,
222.7341, 149.8887

8.0067, 8.7462,
1.7085

253.4148,
269.8181, 187.5056

4.1511, 4.5760,
0.3666

303.6782,

1.7879, 2.0007,

323.1098, 230.9420

0.0000

360.1836,
382.9935, 280.6164

■ 0.5104, 0.6079,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.4596, 66.9744,
34.4463

■ 62.4596, 66.9744,
34.4463

■ 59.6215, 63.7719,
25.8741

■ 65.7104, 70.4146,
44.9676

■ 57.1671, 60.7876,
19.1231


■ 69.3906, 74.0926,
57.5468


■ 55.0716, 58.0134,
14.0568


■ 73.5220, 78.0201,
72.2893


■ 53.3046, 55.4365,
10.5174


■ 78.1234, 82.2052,
89.2922


 51.8301, 53.0418,
8.3171

 82.8885, 86.5260,
106.9402

 50.6059, 50.8408,
7.1460

 84.4419, 89.6329,
107.4581

 86.0400, 92.8291,
107.9908

 87.6831, 96.1153,
108.5385

 87.7417, 96.2324,
108.5580

Harmonies

Analogous

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



71.3530, 66.9744, 37.4133



62.4596, 66.9744, 34.4463



54.6288, 66.9744, 39.6691

Triad

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



62.4596, 66.9744, 34.4463



50.6318, 66.9744, 103.6272



80.1412, 66.9744, 96.2533

Complementary

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



62.4596, 66.9744, 34.4463



38.4111, 37.0046, 82.9600

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.



73.6292, 66.9744, 120.9401



62.4596, 66.9744, 34.4463



56.5356, 66.9744, 125.8407

Square

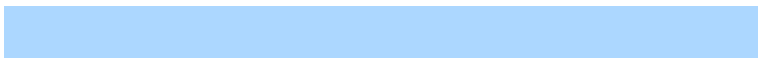
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.4596, 66.9744, 34.4463



48.2108, 66.9744, 76.4299



64.8699, 66.9744, 132.8104



82.0937, 66.9744, 69.5265

Rectangle

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



62.4596, 66.9744, 34.4463



50.9003, 66.9744, 48.0038



64.8699, 66.9744, 132.8104



78.3850, 66.9744, 105.2496

Sweetspot

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



62.4613, 66.9775, 34.4477



88.3672, 93.9002, 84.2729



49.8259, 38.8556, 39.0259



18.7693, 19.9623, 17.5160



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.



62.4613, 66.9775, 34.4477



73.0967, 78.2437, 33.2956



60.4324, 74.2849, 35.9651



16.0500, 17.0231, 15.9586



28.5357, 28.7657, 4.0483



2.3108, 2.3989, 0.3412

Inverse Universe

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



38.4111, 37.0046, 82.9600



40.2198, 37.2940, 99.6864



39.7610, 32.7040, 82.0588



14.5040, 15.0945, 19.0713



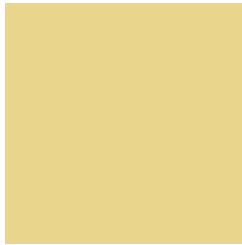
9.1192, 4.8854, 44.2053



0.7863, 0.5241, 3.4946

Previews

White Background



This preview shows how the XYZ color 62.4596, 66.9744, 34.4463 looks on a white background.

Color Contrast Check

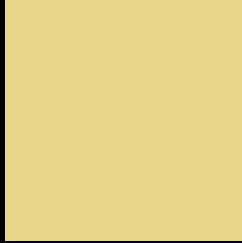
Large Text (above 18pt) WCAG AA × Fail

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 62.4596, 66.9744, 34.4463 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 62.4596, 66.9744, 34.4463

Background



This preview shows how black text looks on a background with the XYZ color 62.4596, 66.9744, 34.4463.



This preview shows how white text looks on a background with the XYZ color 62.4596, 66.9744,

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

62.4596, 66.9744, 34.4463

Protanopia

62.0589, 67.1424, 34.4999

Deuteranopia

68.1822, 66.9670, 36.1204



Tritanopia

70.7601, 66.7036, 76.1635

Trichromacy



Original Color

62.4596, 66.9744, 34.4463

Protanomaly

62.3845, 67.3102, 34.5151

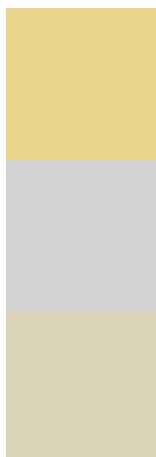
Deuteranomaly

65.8716, 66.8691, 35.4218

Tritanomaly

67.2037, 66.6941, 58.0464

Monochromacy



Original Color

62.4596, 66.9744, 34.4463

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.5139, 65.6498, 55.3285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4596, 66.9744, 34.4463 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(234, 213, 140)` looks like.

```
.text, #text, p{  
    color:rgb(234, 213, 140)  
}
```

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(234, 213, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 213, 140) }
```

Border

The CSS property to change the border of an element to XYZ 62.4596, 66.9744, 34.4463 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(234, 213, 140) }
```


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

```
.border{ border-color:rgb(234, 213, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 213, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 213, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 213, 140);  
box-shadow:4px 4px 4px 4px rgb(234, 213,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4596, 66.9744, 34.4463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 213, 140) }
```

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

```
.background{ background-color: rgb(234,  
213, 140) }
```

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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