

Converting Colors

XYZ(59.7032, 65.2469, 31.2770)

Have a look what the booklet for
XYZ(59.7032, 65.2469, 31.2770)
contains.

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Color

**XYZ(59.7032, 65.2469,
31.2770)**

Conversions

Conversions Part 1

Format	Color
Hex	E4D484
RGB	228, 212, 132
RGB Percent	89%, 83%, 52%
CMY	0.1059, 0.1686, 0.4823
CMYK	0.00, 0.07, 0.42, 0.11
HSL	50°, 64%, 71%
HSV	50°, 42%, 89%
XYZ	59.7032, 65.2469, 31.2770
YIQ	207.6640, 35.2160, -21.4880

Conversions

Conversions Part 2

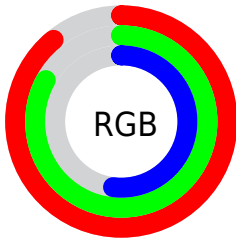
Format	Color
RYB	151, 228, 132
Decimal	14996612
CIELab	84.61, -5.46, 41.50
CIELCh	85, 41.861, 97.491
Yxy	65.2469, 0.3822, 0.4176
Android (android.graphics.Color)	4293186692 (0xFFE4D484)
YUV	207.6640, -37.3024, 17.8347
Hunter-Lab	80.7756, -9.4235, 33.5853

Details

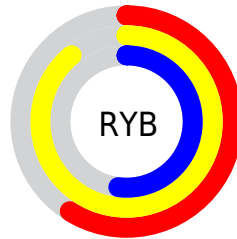
The XYZ color **59.7032, 65.2469, 31.2770** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **34.1089, 31.6857, 77.7167**, and the grayscale version is **59.9559, 63.0782, 68.6922**.

A 20% lighter version of the original color is **85.8629, 96.3252, 60.5215**, and **30.5066, 33.7057, 12.6826** is the 20% darker color. If you saturate the color by 10%, you get **57.3725, 62.8154, 23.6259**, and if you desaturate by 10%, it is **62.4004, 67.8655, 40.7339**.

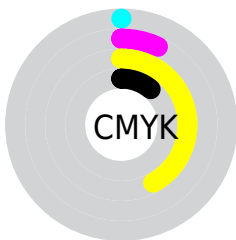
Distribution



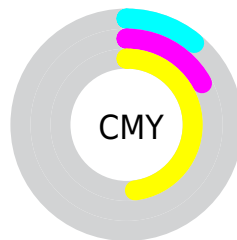
- Red (89%)
- Green (83%)
- Blue (52%)



- Red (59%)
- Yellow (89%)
- Blue (52%)



- Cyan (0%)
- Magenta (7%)
- Yellow (42%)
- Black (11%)



- Cyan (11%)
- Magenta (17%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.7032, 65.2469, 31.2770 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 59.7032, 65.2469, 31.2770 by changing the saturation by 10% instead.

■ 59.7032, 65.2469,
31.2770

■ 59.7032, 65.2469,
31.2770

413.3552,
443.6787, 322.2031

■ 43.4280, 47.6613,
20.5496

■ 103.5078,
112.4047, 62.7606

■ 30.4170, 33.5588,
12.6072

■ 131.7679,
142.7458, 84.3539

■ 20.3050, 22.5548,
7.0311

■ 164.7537,
178.1075, 110.4063

■ 12.7265, 14.2651,
3.4028

202.8305,
218.8741, 141.3363

■ 7.3162, 8.3053,
1.3038

246.3637,
265.4302, 177.5624

■ 3.7087, 4.2909,
0.0649

295.7187,

■ 1.5387, 1.8376,

318.1600, 219.5032

0.0000

351.2607,
377.4481, 267.5773

■ 0.3519, 0.5104,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.7032, 65.2469,
31.2770

■ 59.7032, 65.2469,
31.2770

■ 57.3725, 62.8154,
23.6259

■ 62.4004, 67.8655,
40.7339

■ 55.3810, 60.5527,
17.6583


■ 65.4800, 70.6707,
52.1000


■ 53.7048, 58.4514,
13.2431


■ 68.9624, 73.6732,
65.4760


■ 52.3151, 56.4997,
10.2280


■ 72.8653, 76.8804,
80.9540


 51.1769, 54.6833,
8.4300


 77.2053, 80.2991,
98.6206

 50.4112, 53.3268,
7.6361

 79.6952, 83.0147,
106.4308

 80.7932, 85.2107,
106.7968

 81.9145, 87.4534,
107.1706

 83.0594, 89.7431,
107.5522

Harmonies

Analogous

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



69.1475, 65.2469, 33.3339



59.7032, 65.2469, 31.2770



51.7144, 65.2469, 37.5490

Triad

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



59.7032, 65.2469, 31.2770



48.8294, 65.2469, 107.1696



80.1293, 65.2469, 92.6075

Complementary

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



59.7032, 65.2469, 31.2770



34.1089, 31.6857, 77.7167

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.



73.6004, 65.2469, 120.1644



59.7032, 65.2469, 31.2770



55.3911, 65.2469, 129.9372

Square

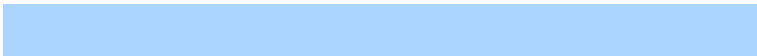
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.7032, 65.2469, 31.2770



45.8595, 65.2469, 77.9615



64.3862, 65.2469, 135.2102



81.5791, 65.2469, 64.5460

Rectangle

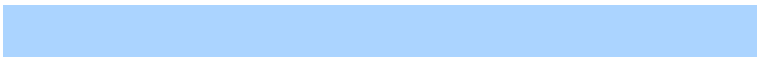
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.7032, 65.2469, 31.2770



48.0698, 65.2469, 46.8314



64.3862, 65.2469, 135.2102



78.4263, 65.2469, 102.4240

Sweetspot

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



59.7048, 65.2499, 31.2783



88.4280, 94.5725, 82.5956



45.5918, 35.1353, 32.3966



18.7065, 20.0549, 16.8226



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.



59.7048, 65.2499, 31.2783



74.1718, 81.2060, 31.1503



54.6734, 68.8884, 32.2458



15.3865, 16.3869, 15.2565



29.1847, 30.9436, 4.4345



2.2112, 2.3957, 0.3459

Inverse Universe

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



34.1089, 31.6857, 77.7167



36.8744, 32.3247, 98.9035



37.5653, 29.9972, 77.2087



13.7759, 14.2732, 18.1733



8.5439, 4.1499, 42.7339



0.6898, 0.4235, 3.1773

Previews

White Background



This preview shows how the XYZ color 59.7032, 65.2469, 31.2770 looks on a white background.

Color Contrast Check

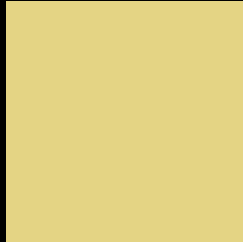
Large Text (above 18pt) WCAG AA × Fail

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 59.7032, 65.2469, 31.2770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

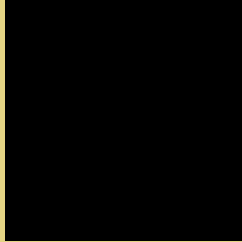
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.7032, 65.2469, 31.2770

Background



This preview shows how black text looks on a background with the XYZ color 59.7032, 65.2469, 31.2770.



This preview shows how white text looks on a background with the XYZ color 59.7032, 65.2469,

31.2770.

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

59.7032, 65.2469, 31.2770

Protanopia

60.0923, 65.0775, 31.2238

Deuteranopia

66.6636, 65.2223, 31.6299



Tritanopia

68.5700, 65.2553, 74.6272

Trichromacy



Original Color

59.7032, 65.2469, 31.2770

Protanomaly

59.7722, 64.9125, 31.2088

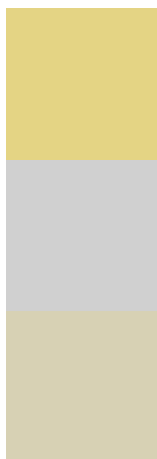
Deuteranomaly

63.9611, 65.2485, 31.4134

Tritanomaly

64.8659, 65.1802, 55.6166

Monochromacy



Original Color

59.7032, 65.2469, 31.2770

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.0630, 63.3433, 52.2935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7032, 65.2469, 31.2770 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(228, 212, 132)` looks like.

```
.text, #text, p{  
    color:rgb(228, 212, 132)  
}
```

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(228, 212, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 212, 132) }
```

Border

The CSS property to change the border of an element to XYZ 59.7032, 65.2469, 31.2770 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(228, 212, 132) }
```


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

```
.border{ border-color:rgb(228, 212, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 212, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 212, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 212, 132);  
box-shadow:4px 4px 4px 4px rgb(228, 212,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7032, 65.2469, 31.2770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 212, 132) }
```

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

```
.background{ background-color: rgb(228,  
212, 132) }
```

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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