

Converting Colors

XYZ(59.7828, 69.4099, 25.0579)

Have a look what the booklet for
XYZ(59.7828, 69.4099, 25.0579)
contains.

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Color

**XYZ(59.6762, 69.2156,
24.9665)**

Conversions

Conversions Part 1

Format	Color
Hex	E0DE6E
RGB	224, 222, 110
RGB Percent	88%, 87%, 43%
CMY	0.1216, 0.1294, 0.5686
CMYK	0.00, 0.01, 0.51, 0.12
HSL	59°, 65%, 65%
HSV	59°, 51%, 88%
XYZ	59.6762, 69.2156, 24.9665
YIQ	209.8300, 37.1440, -34.4080

Conversions

Conversions Part 2

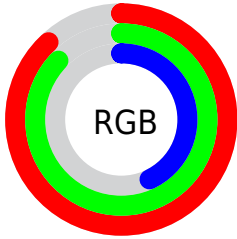
Format	Color
RYB	112, 224, 110
Decimal	14737006
CIELab	86.61, -14.14, 54.50
CIELCh	87, 56.307, 104.547
Yxy	69.2156, 0.3879, 0.4499
Android (android.graphics.Color)	4292927086 (0xFFE0DE6E)
YUV	209.8300, -49.2162, 12.4271
Hunter-Lab	83.1959, -17.5553, 40.4446

Details

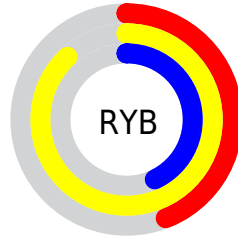
The XYZ color **59.6762, 69.2156, 24.9665** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **25.6791, 20.2846, 73.0827**, and the grayscale version is **61.4442, 64.6440, 70.3974**.

A 20% lighter version of the original color is **83.7008, 95.4603, 49.1361**, and **30.2831, 36.0398, 9.2312** is the 20% darker color. If you saturate the color by 10%, you get **58.5043, 68.5831, 19.3009**, and if you desaturate by 10%, it is **61.1599, 69.9783, 32.2584**.

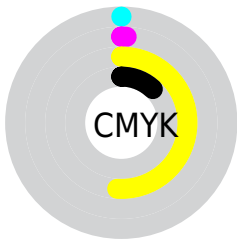
Distribution



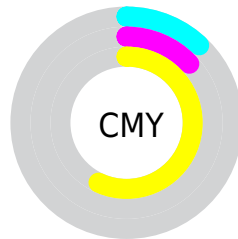
- Red (88%)
- Green (87%)
- Blue (43%)



- Red (44%)
- Yellow (88%)
- Blue (43%)



- Cyan (0%)
- Magenta (1%)
- Yellow (51%)
- Black (12%)



- Cyan (12%)
- Magenta (13%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6762, 69.2156, 24.9665 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 59.6762, 69.2156, 24.9665 by changing the saturation by 10% instead.

■ 59.6762, 69.2156,
24.9665

■ 59.6762, 69.2156,
24.9665

413.2571,
457.7910, 291.1134

■ 43.4062, 50.8873,
15.8333

■ 103.4688,
118.0895, 52.5663

■ 30.3998, 36.1189,
9.2532

■ 131.7221,
149.4038, 71.8700

■ 20.2918, 24.5261,
4.8076

■ 164.7006,
185.8157, 95.4010

■ 12.7169, 15.7243,
2.0781

■ 202.7695,
227.7094, 123.5777

■ 7.3095, 9.3293,
0.6027

246.2942,
275.4694, 156.8188

■ 3.7045, 4.9566,
0.0000

295.6402,

■ 1.5363, 2.2218,

329.4801, 195.5427

0.0000

351.1727,
390.1258, 240.1681

■ 0.3504, 0.7318,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.6762, 69.2156,
24.9665

■ 59.6762, 69.2156,
24.9665

■ 58.5043, 68.5831,
19.3009

■ 61.1599, 69.9783,
32.2584

■ 57.6156, 68.0617,
15.1325


■ 62.9717, 70.8701,
41.2840


■ 56.9846, 67.6437,
12.3197


■ 65.1326, 71.9019,
52.1467

■ 56.5788, 67.3163,
10.6921


■ 67.6604, 73.0809,
64.9405

 56.3551, 67.0767,
9.9769

 70.5718, 74.4137,
79.7530

 73.8823, 75.9066,
96.6664

 75.6476, 76.7817,
105.4410

 75.7535, 76.9934,
105.4763

 75.8596, 77.2057,
105.5117

Harmonies

Analogous

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



72.7118, 69.2156, 25.1079



59.6762, 69.2156, 24.9665



49.6891, 69.2156, 34.8337

Triad

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



59.6762, 69.2156, 24.9665



49.4563, 69.2156, 137.9504



93.0978, 69.2156, 96.2094

Complementary

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



59.6762, 69.2156, 24.9665



25.6791, 20.2846, 73.0827

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.



85.0337, 69.2156, 139.1587



59.6762, 69.2156, 24.9665



59.3171, 69.2156, 168.1723

Square

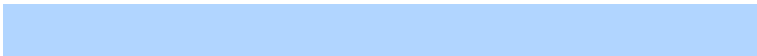
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.6762, 69.2156, 24.9665



44.3409, 69.2156, 94.9210



72.3021, 69.2156, 168.6760



93.2276, 69.2156, 58.6967

Rectangle

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



59.6762, 69.2156, 24.9665



45.6084, 69.2156, 48.4755



72.3021, 69.2156, 168.6760



91.1820, 69.2156, 110.7129

Sweetspot

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



59.6779, 69.2188, 24.9679



89.2788, 97.3507, 79.5603



39.3427, 28.2102, 19.2324



18.9559, 20.7654, 16.2527



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.



59.6779, 69.2188, 24.9679



78.4119, 91.9660, 25.5359



46.2215, 63.0726, 24.4908



14.8501, 15.9862, 14.6097



32.8124, 39.0626, 5.8104



2.2810, 2.7209, 0.4050

Inverse Universe

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



25.6791, 20.2846, 73.0827



28.0130, 19.4344, 96.8825



34.1763, 24.3421, 73.4180



12.9712, 13.2815, 17.2676



7.8649, 3.1994, 41.2514



0.5520, 0.2355, 2.8616

Previews

White Background



This preview shows how the XYZ color 59.6762, 69.2156, 24.9665 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 59.6762, 69.2156, 24.9665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

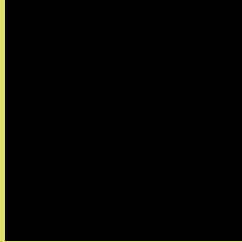
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.6762, 69.2156, 24.9665

Background



This preview shows how black text looks on a background with the XYZ color 59.6762, 69.2156, 24.9665.



This preview shows how white text looks on a background with the XYZ color 59.6762, 69.2156,

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

59.6762, 69.2156, 24.9665

Protanopia

63.1162, 69.0591, 24.1905

Deuteranopia

69.3069, 68.9675, 37.2630



Tritanopia

71.1200, 68.9248, 81.5069

Trichromacy



Original Color

59.6762, 69.2156, 24.9665

Protanomaly

62.0235, 69.2596, 24.5674

Deuteranomaly

65.6579, 69.0475, 32.4212

Tritanomaly

65.9770, 68.7096, 55.1323

Monochromacy



Original Color

59.6762, 69.2156, 24.9665

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

59.7109, 65.5962, 49.5586

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6762, 69.2156, 24.9665 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(224, 222, 110)` looks like.

```
.text, #text, p{  
    color:rgb(224, 222, 110)  
}
```

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(224, 222, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 222, 110) }
```

Border

The CSS property to change the border of an element to XYZ 59.6762, 69.2156, 24.9665 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(224, 222, 110) }
```


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

```
.border{ border-color:rgb(224, 222, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 222, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 222, 110); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 222, 110); box-shadow:4px 4px 4px 4px rgb(224, 222, 110) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6762, 69.2156, 24.9665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 222, 110) }
```

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

```
.background{ background-color: rgb(224,  
222, 110) }
```

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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