

Converting Colors

XYZ(56.6763, 68.4561, 25.2651)

Have a look what the booklet for
XYZ(56.6763, 68.4561, 25.2651)
contains.

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Color

**XYZ(56.6763, 68.4561,
25.2651)**

Conversions

Conversions Part 1

Format	Color
Hex	D4E06F
RGB	212, 224, 111
RGB Percent	83%, 88%, 44%
CMY	0.1686, 0.1215, 0.5647
CMYK	0.05, 0.00, 0.50, 0.12
HSL	66°, 65%, 66%
HSV	66°, 50%, 88%
XYZ	56.6763, 68.4561, 25.2651
YIQ	207.5300, 29.1210, -37.6870

Conversions

Conversions Part 2

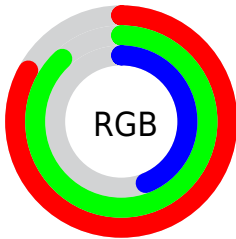
Format	Color
RYB	111, 224, 123
Decimal	13951087
CIELab	86.23, -19.82, 53.37
CIELCh	86, 56.927, 110.372
Yxy	68.4561, 0.3768, 0.4552
Android (android.graphics.Color)	4292141167 (0xFFD4E06F)
YUV	207.5300, -47.5893, 3.9202
Hunter-Lab	82.7382, -22.5180, 39.8118

Details

The XYZ color **56.6763, 68.4561, 25.2651** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **27.3098, 20.9633, 73.1321**, and the grayscale version is **59.9364, 63.0578, 68.6699**.

A 20% lighter version of the original color is **83.7915, 95.4966, 49.6137**, and **28.4693, 35.6500, 9.3836** is the 20% darker color. If you saturate the color by 10%, you get **54.9140, 67.6749, 19.5322**, and if you desaturate by 10%, it is **58.7613, 69.3724, 32.6300**.

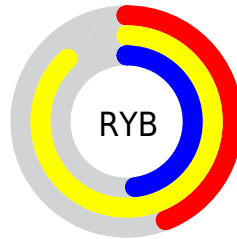
Distribution



Red (83%)

Green (88%)

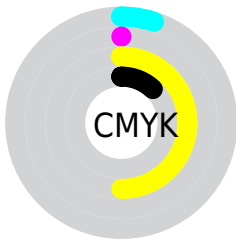
Blue (44%)



Red (44%)

Yellow (88%)

Blue (48%)

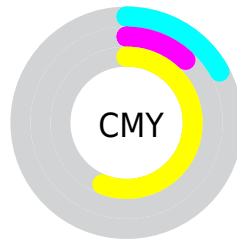


Cyan (5%)

Magenta (0%)

Yellow (50%)

Black (12%)



Cyan (17%)

Magenta (12%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6763, 68.4561, 25.2651 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 56.6763, 68.4561, 25.2651 by changing the saturation by 10% instead.

■ 56.6763, 68.4561,
25.2651

■ 56.6763, 68.4561,
25.2651

402.2691,
455.1103, 292.6454

■ 40.9845, 50.2689,
16.0539

■ 99.1268, 117.0044,
53.0564

■ 28.4946, 35.6271,
9.4075

■ 126.6162,
148.1343, 72.4736

■ 18.8412, 24.1463,
4.9075

■ 158.7690,
184.3471, 96.1298

■ 11.6589, 15.4422,
2.1353

■ 195.9503,
226.0274, 124.4435

■ 6.5824, 9.1303,
0.6367

238.5256,
273.5594, 157.8335

■ 3.2463, 4.8263,
0.0000

286.8603,

■ 1.2853, 2.1457,

327.3277, 196.7181

0.0000

341.3197,
387.7165, 241.5159

0.1722, 0.6901,
0.0000

0.0000, 0.0000,
0.0000

56.6763, 68.4561,
25.2651

56.6763, 68.4561,
25.2651

54.9140, 67.6749,
19.5322

58.7613, 69.3724,
32.6300

53.4457, 67.0101,
15.3029


61.1853, 70.4230,
41.7339


52.2463, 66.4540,
12.4366


63.9691, 71.6188,
52.6797


51.2835, 65.9937,
10.7642


67.1307, 72.9668,
65.5611

 50.5317, 65.6222,
10.0030

 70.6867, 74.4737,
80.4656

 74.6526, 76.1459,
97.4750

 76.9118, 77.1365,
105.4429

 77.6750, 77.5299,
105.4786

 78.4486, 77.9287,
105.5148

Harmonies

Analogous

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



69.3748, 68.4561, 23.6017



56.6763, 68.4561, 25.2651



47.5123, 68.4561, 37.3129

Triad

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



56.6763, 68.4561, 25.2651



50.2712, 68.4561, 145.1413



93.2272, 68.4561, 87.2799

Complementary

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



56.6763, 68.4561, 25.2651



27.3098, 20.9633, 73.1321

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.



86.4834, 68.4561, 130.7366



56.6763, 68.4561, 25.2651



60.9384, 68.4561, 170.8139

Square

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



56.6763, 68.4561, 25.2651



44.1737, 68.4561, 102.6088



74.2441, 68.4561, 164.8028



91.6828, 68.4561, 52.1179

Rectangle

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



56.6763, 68.4561, 25.2651



44.0873, 68.4561, 52.8148



74.2441, 68.4561, 164.8028



91.8235, 68.4561, 101.5229

Sweetspot

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



56.6779, 68.4592, 25.2665



88.0125, 97.0141, 79.5621



40.6085, 30.9897, 18.8811



18.6473, 20.6835, 16.2532



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.



56.6779, 68.4592, 25.2665



73.4528, 90.6887, 25.5508



43.2765, 61.5505, 24.6394



14.7208, 15.9517, 14.6099



29.4702, 38.2249, 5.8249



2.0844, 2.6711, 0.4057

Inverse Universe

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



27.3098, 20.9633, 73.1321



29.7539, 19.9406, 96.8885



37.6854, 26.3121, 73.6177



13.0865, 13.3126, 17.2675



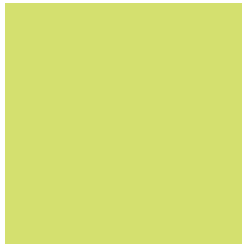
8.0941, 3.2680, 41.2525



0.6073, 0.2504, 2.8616

Previews

White Background



This preview shows how the XYZ color 56.6763, 68.4561, 25.2651 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 56.6763, 68.4561, 25.2651 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 56.6763, 68.4561, 25.2651

Background



This preview shows how black text looks on a background with the XYZ color 56.6763, 68.4561, 25.2651.



This preview shows how white text looks on a background with the XYZ color 56.6763, 68.4561,

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

56.6763, 68.4561, 25.2651

Protanopia

62.5225, 68.3716, 24.0891

Deuteranopia

68.5107, 67.8688, 35.4757



Tritanopia

68.3492, 68.1975, 82.9598

Trichromacy



Original Color

56.6763, 68.4561, 25.2651

Protanomaly

60.4049, 68.4252, 24.4917

Deuteranomaly

63.4876, 67.5779, 31.1704

Tritanomaly

62.8280, 67.8302, 55.6801

Monochromacy



Original Color

56.6763, 68.4561, 25.2651

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

57.8839, 64.6656, 48.9661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6763, 68.4561, 25.2651 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(212, 224, 111)` looks like.

```
.text, #text, p{  
    color:rgb(212, 224, 111)  
}
```

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(212, 224, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 224, 111) }
```

Border

The CSS property to change the border of an element to XYZ 56.6763, 68.4561, 25.2651 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(212, 224, 111) }
```


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

```
.border{ border-color:rgb(212, 224, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 224, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 224, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 224, 111);  
box-shadow:4px 4px 4px 4px rgb(212, 224,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6763, 68.4561, 25.2651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 224, 111) }
```

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

```
.background{ background-color: rgb(212,  
224, 111) }
```

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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