

Converting Colors

XYZ(56.0361, 69.2734, 28.1870)

Have a look what the booklet for
XYZ(56.0361, 69.2734, 28.1870)
contains.

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Color

**XYZ(56.0361, 69.2734,
28.1870)**

Conversions

Conversions Part 1

Format	Color
Hex	CDE378
RGB	205, 227, 120
RGB Percent	80%, 89%, 47%
CMY	0.1961, 0.1098, 0.5294
CMYK	0.10, 0.00, 0.47, 0.11
HSL	72°, 66%, 68%
HSV	72°, 47%, 89%
XYZ	56.0361, 69.2734, 28.1870
YIQ	208.2240, 21.2350, -37.9410

Conversions

Conversions Part 2

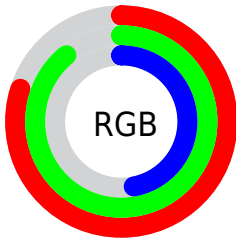
Format	Color
RYB	120, 227, 142
Decimal	13493112
CIELab	86.64, -23.15, 49.50
CIElCh	87, 54.646, 115.069
Yxy	69.2734, 0.3651, 0.4513
Android (android.graphics.Color)	4291683192 (0xFFCDE378)
YUV	208.2240, -43.4944, -2.8274
Hunter-Lab	83.2306, -25.4762, 38.1822

Details

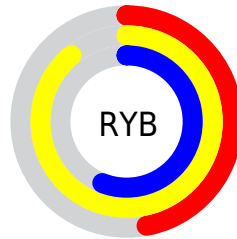
The XYZ color **56.0361, 69.2734, 28.1870** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **31.7396, 24.7316, 75.7779**, and the grayscale version is **60.3649, 63.5086, 69.1609**.

A 20% lighter version of the original color is **84.6400, 95.8360, 54.0816**, and **28.1903, 36.3120, 10.9920** is the 20% darker color. If you saturate the color by 10%, you get **53.5505, 68.1350, 21.7123**, and if you desaturate by 10%, it is **58.8901, 70.5685, 36.3863**.

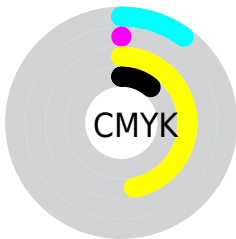
Distribution



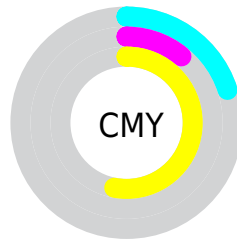
- Red (80%)
- Green (89%)
- Blue (47%)



- Red (47%)
- Yellow (89%)
- Blue (56%)



- Cyan (10%)
- Magenta (0%)
- Yellow (47%)
- Black (11%)





- Cyan (20%)
- Magenta (11%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.0361, 69.2734, 28.1870 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 56.0361, 69.2734, 28.1870 by changing the saturation by 10% instead.


 56.0361, 69.2734,
28.1870


 56.0361, 69.2734,
28.1870


399.9004,
457.9946, 307.2994


 40.4690, 50.9344,
18.2264


 98.1969, 118.1720,
57.8095

 28.0902, 36.1564,
10.9415


 125.5212,
149.5004, 78.3086

 18.5345, 24.5550,
5.9139


 157.4954,
185.9273, 103.1575

 11.4364, 15.7458,
2.7248

194.4846,
227.8373, 132.7749

 6.4306, 9.3445,
0.9559

236.8544,
275.6146, 167.5792

 3.1518, 4.9666,
0.0000

284.9701,

 1.2345, 2.2276,

329.6436, 207.9890

0.0000

339.1969,
390.3089, 254.4229

■ 0.1334, 0.7350,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.0361, 69.2734,
28.1870

■ 56.0361, 69.2734,
28.1870

■ 53.5505, 68.1350,
21.7123

■ 58.8901, 70.5685,
36.3863

■ 51.4044, 67.1344,
16.8343


■ 62.1290, 72.0195,
46.4171


■ 49.5727, 66.2639,
13.4146


■ 65.7741, 73.6375,
58.3830


■ 48.0238, 65.5109,
11.2892


■ 69.8436, 75.4299,
72.3784


 46.7168, 64.8589,
10.2434


 74.3547, 77.4034,
88.4917

 46.3677, 64.6831,
10.0412

 79.1285, 79.4867,
105.7797

 80.6730, 80.2830,
105.8520

 82.2581, 81.1001,
105.9262

 83.8842, 81.9384,
106.0023

Harmonies

Analogous

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



67.9619, 69.2734, 25.0318



56.0361, 69.2734, 28.1870



47.7967, 69.2734, 42.0744

Triad

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



56.0361, 69.2734, 28.1870



52.8367, 69.2734, 148.4405



93.2646, 69.2734, 81.5942

Complementary

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



56.0361, 69.2734, 28.1870



31.7396, 24.7316, 75.7779

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.



87.9391, 69.2734, 122.9283



56.0361, 69.2734, 28.1870



63.7672, 69.2734, 168.6581

Square

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



56.0361, 69.2734, 28.1870



46.1226, 69.2734, 109.0763



76.7306, 69.2734, 158.0743



90.5072, 69.2734, 49.5251

Rectangle

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



56.0361, 69.2734, 28.1870



44.9693, 69.2734, 58.8175



76.7306, 69.2734, 158.0743



92.3425, 69.2734, 94.9014

Sweetspot

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



56.0378, 69.2765, 28.1885



87.1760, 96.5443, 81.2653



44.6552, 36.8569, 22.5308



18.4210, 20.5593, 16.5855



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.



56.0378, 69.2765, 28.1885



69.6404, 88.6631, 28.0954



43.8293, 62.9828, 27.6171



15.2961, 16.6597, 15.3139



27.1395, 37.7724, 5.8604



2.0789, 2.8291, 0.4365

Inverse Universe

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



31.7396, 24.7316, 75.7779



34.3265, 23.8322, 97.3986



43.0638, 30.5695, 76.3079



13.8583, 14.0292, 18.1218



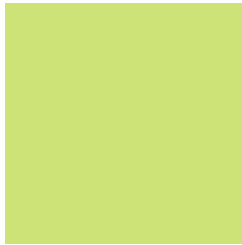
8.8388, 3.6224, 42.6165



0.7289, 0.3067, 3.1528

Previews

White Background



This preview shows how the XYZ color 56.0361, 69.2734, 28.1870 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 56.0361, 69.2734, 28.1870 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 56.0361, 69.2734, 28.1870

Background



This preview shows how black text looks on a background with the XYZ color 56.0361, 69.2734, 28.1870.



This preview shows how white text looks on a background with the XYZ color 56.0361, 69.2734,

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

56.0361, 69.2734, 28.1870

Protanopia

63.2251, 69.0638, 26.5213

Deuteranopia

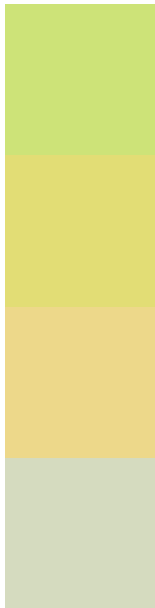
69.4653, 69.0309, 38.0968



Tritanopia

67.3838, 68.7681, 85.3234

Trichromacy



Original Color

56.0361, 69.2734, 28.1870

Protanomaly

60.4314, 69.1660, 26.9949

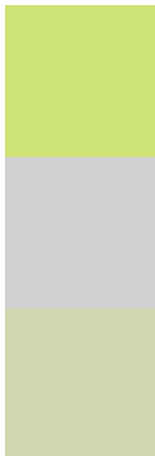
Deuteranomaly

64.0684, 68.9512, 33.9769

Tritanomaly

62.1761, 68.5708, 59.2487

Monochromacy



Original Color

56.0361, 69.2734, 28.1870

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

57.8690, 65.0009, 50.5707

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0361, 69.2734, 28.1870 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(205, 227, 120)` looks like.

```
.text, #text, p{  
    color:rgb(205, 227, 120)  
}
```

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(205, 227, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 227, 120) }
```

Border

The CSS property to change the border of an element to XYZ 56.0361, 69.2734, 28.1870 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(205, 227, 120) }
```


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

```
.border{ border-color:rgb(205, 227, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 227, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 227, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 227, 120);  
box-shadow:4px 4px 4px 4px rgb(205, 227,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0361, 69.2734, 28.1870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 227, 120) }
```

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

```
.background{ background-color: rgb(205,  
227, 120) }
```

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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