

Converting Colors

XYZ(56.1104, 66.4363, 28.2788)

Have a look what the booklet for
XYZ(56.1104, 66.4363, 28.2788)
contains.

XYZ(56.2574, 66.5886, 28.3002)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.2574, 66.5886,
28.3002)**

Conversions

Conversions Part 1

Format	Color
Hex	D4DC7A
RGB	212, 220, 122
RGB Percent	83%, 86%, 48%
CMY	0.1686, 0.1372, 0.5216
CMYK	0.04, 0.00, 0.45, 0.14
HSL	65°, 58%, 67%
HSV	65°, 45%, 86%
XYZ	56.2574, 66.5886, 28.3002
YIQ	206.4360, 26.6900, -32.1740

Conversions

Conversions Part 2

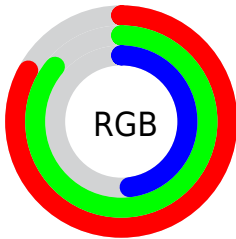
Format	Color
RYB	122, 220, 130
Decimal	13950074
CIELab	85.30, -16.81, 47.01
CIELCh	85, 49.928, 109.678
Yxy	66.5886, 0.3722, 0.4406
Android (android.graphics.Color)	4292140154 (0xFFD4DC7A)
YUV	206.4360, -41.6269, 4.8796
Hunter-Lab	81.6018, -19.7429, 36.5590

Details

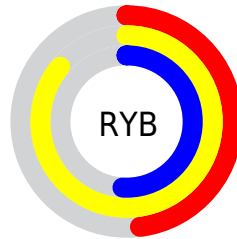
The XYZ color **56.2574, 66.5886, 28.3002** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **29.0862, 23.8339, 70.7815**, and the grayscale version is **59.1939, 62.2766, 67.8192**.

A 20% lighter version of the original color is **84.8365, 95.9146, 55.1163**, and **28.2709, 34.4204, 10.9481** is the 20% darker color. If you saturate the color by 10%, you get **54.5311, 65.8409, 21.8917**, and if you desaturate by 10%, it is **58.3013, 67.4687, 36.3369**.

Distribution



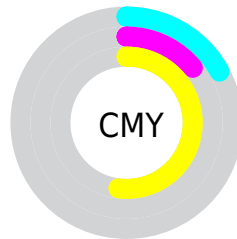
- Red (83%)
- Green (86%)
- Blue (48%)



- Red (48%)
- Yellow (86%)
- Blue (51%)



- Cyan (4%)
- Magenta (0%)
- Yellow (45%)
- Black (14%)



- Cyan (17%)
- Magenta (14%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2574, 66.5886, 28.3002 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 56.2574, 66.5886, 28.3002 by changing the saturation by 10% instead.

■ 56.2574, 66.5886,
28.3002

■ 56.2574, 66.5886,
28.3002

400.7201,
448.4790, 307.8556

■ 40.6471, 48.7504,
18.3111

■ 98.5185, 114.3307,
57.9922

■ 28.2299, 34.4215,
11.0018

■ 125.9000,
145.0034, 78.5322

■ 18.6404, 23.2176,
5.9539

■ 157.9359,
180.7230, 103.4262

■ 11.5132, 14.7543,
2.7487

194.9917,
221.8740, 133.0928

■ 6.4830, 8.6471,
0.9678

237.4327,
268.8406, 167.9505

■ 3.1843, 4.5117,
0.0000

285.6242,

■ 1.2520, 1.9637,

322.0074, 208.4178

0.0000

339.9315,
381.7588, 254.9133

0.1468, 0.5863,
0.0000

0.0000, 0.0000,
0.0000

56.2574, 66.5886,
28.3002

56.2574, 66.5886,
28.3002

54.5311, 65.8409,
21.8917

58.3013, 67.4687,
36.3369

53.0964, 65.2082,
16.9960


60.6772, 68.4799,
46.0983


51.9312, 64.6839,
13.4897


63.4041, 69.6322,
57.6782


51.0081, 64.2571,
11.2279


66.4985, 70.9322,
71.1626


 50.2933, 63.9143,
10.0338


 69.9756, 72.3859,
86.6320

 49.9608, 63.7506,
9.6719

 73.8498, 73.9991,
104.1622

 74.5654, 74.3496,
105.0286

 75.1274, 74.6393,
105.0549

 75.6952, 74.9320,
105.0815

Harmonies

Analogous

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



67.2612, 66.5886, 26.9213



56.2574, 66.5886, 28.3002



48.1383, 66.5886, 39.2513

Triad

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



56.2574, 66.5886, 28.3002



50.2549, 66.5886, 130.9950



87.1440, 66.5886, 84.2262

Complementary

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



56.2574, 66.5886, 28.3002



29.0862, 23.8339, 70.7815

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.



81.3290, 66.5886, 120.6425



56.2574, 66.5886, 28.3002



59.4792, 66.5886, 152.4966

Square

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



56.2574, 66.5886, 28.3002



44.9688, 66.5886, 95.5219



70.8865, 66.5886, 148.2281



86.0146, 66.5886, 53.5165

Rectangle

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



56.2574, 66.5886, 28.3002



45.0354, 66.5886, 52.9812



70.8865, 66.5886, 148.2281



85.9121, 66.5886, 96.3144

Sweetspot

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



56.2590, 66.5916, 28.3016



89.1754, 97.5359, 83.1281



40.8193, 32.2004, 22.4772



18.8929, 20.7948, 16.9556



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.



56.2590, 66.5916, 28.3016



76.4352, 92.0982, 31.4698



44.5149, 60.5373, 27.7520



14.0518, 15.2070, 13.9202



29.3650, 37.4357, 5.6781



1.9341, 2.4416, 0.3693

Inverse Universe

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



29.0862, 23.8339, 70.7815



34.0916, 25.4335, 97.7201



38.1331, 28.4978, 71.2049



12.4368, 12.6678, 16.4418



7.7653, 3.1273, 39.9328



0.5381, 0.2207, 2.5887

Previews

White Background



This preview shows how the XYZ color 56.2574, 66.5886, 28.3002 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 56.2574, 66.5886, 28.3002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

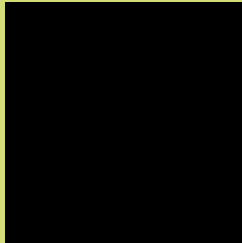
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.2574, 66.5886, 28.3002

Background



This preview shows how black text looks on a background with the XYZ color 56.2574, 66.5886, 28.3002.



This preview shows how white text looks on a background with the XYZ color 56.2574, 66.5886,

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

56.2574, 66.5886, 28.3002

Protanopia

61.1161, 66.4370, 27.3718

Deuteranopia

67.2768, 66.2233, 32.5291



Tritanopia

66.8870, 66.3953, 80.5244

Trichromacy



Original Color

56.2574, 66.5886, 28.3002

Protanomaly

59.3711, 66.6610, 27.8268

Deuteranomaly

62.7399, 66.0826, 30.9212

Tritanomaly

62.1358, 65.9335, 57.0285

Monochromacy



Original Color

56.2574, 66.5886, 28.3002

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.0446, 63.0936, 49.7291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2574, 66.5886, 28.3002 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, 220, 122)` looks like.

```
.text, #text, p{  
    color:rgb(212, 220, 122)  
}
```

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, 220, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 220, 122) }
```

Border

The CSS property to change the border of an element to XYZ 56.2574, 66.5886, 28.3002 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, 220, 122) }
```


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

```
.border{ border-color:rgb(212, 220, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 220, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 220, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 220, 122);  
box-shadow:4px 4px 4px 4px rgb(212, 220,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2574, 66.5886, 28.3002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 220, 122) }
```

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

```
.background{ background-color: rgb(212,  
220, 122) }
```

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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