

Converting Colors

XYZ(56.2975, 64.7872, 49.0004)

Have a look what the booklet for
XYZ(56.2975, 64.7872, 49.0004)
contains.

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Color

**XYZ(56.1861, 64.5464,
49.0325)**

Conversions

Conversions Part 1

Format	Color
Hex	C9D8AD
RGB	201, 216, 173
RGB Percent	79%, 85%, 68%
CMY	0.2118, 0.1529, 0.3216
CMYK	0.07, 0.00, 0.20, 0.15
HSL	81°, 36%, 76%
HSV	81°, 20%, 85%
XYZ	56.1861, 64.5464, 49.0325
YIQ	206.6130, 4.8630, -16.5530

Conversions

Conversions Part 2

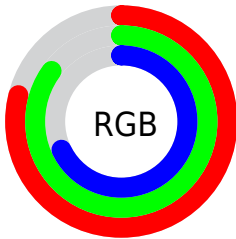
Format	Color
RYB	173, 216, 188
Decimal	13228205
CIELab	84.25, -12.48, 19.55
CIELCh	84, 23.190, 122.558
Yxy	64.5464, 0.3310, 0.3802
Android (android.graphics.Color)	4291418285 (0xFFC9D8AD)
YUV	206.6130, -16.5712, -4.9226
Hunter-Lab	80.3408, -15.7629, 20.0535

Details

The XYZ color **56.1861, 64.5464, 49.0325** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.0798, 45.5381, 71.2249**, and the grayscale version is **59.1617, 62.2427, 67.7823**.

A 20% lighter version of the original color is **91.1429, 98.4371, 88.3253**, and **28.1677, 33.0488, 22.6638** is the 20% darker color. If you saturate the color by 10%, you get **52.2866, 62.7604, 38.8075**, and if you desaturate by 10%, it is **60.5264, 66.5245, 61.0447**.

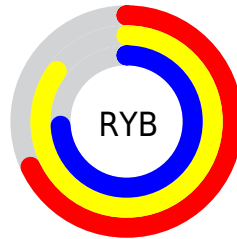
Distribution



Red (79%)

Green (85%)

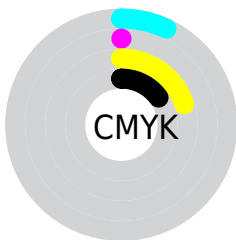
Blue (68%)



Red (68%)

Yellow (85%)

Blue (74%)

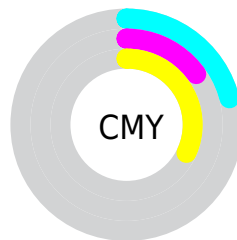


Cyan (7%)

Magenta (0%)

Yellow (20%)

Black (15%)



Cyan (21%)


Magenta (15%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.1861, 64.5464, 49.0325 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 56.1861, 64.5464, 49.0325 by changing the saturation by 10% instead.


 56.1861, 64.5464,
49.0325

 56.1861, 64.5464,
49.0325


400.4561,
441.1601, 399.4964

 40.5897, 47.0934,
34.2795


 98.4149, 111.3975,
90.1212

 28.1849, 33.1095,
22.8293

125.7780,
141.5643, 117.2940

 18.6063, 22.2103,
14.2634


157.7940,
176.7378, 149.4437

 11.4884, 14.0115,
8.1632

194.8284,
217.3025, 186.9890

 6.4661, 8.1287,
4.1103

237.2464,
263.6427, 230.3484

 3.1738, 4.1774,
1.6861

285.4135,

 1.2463, 1.7733,

316.1427, 279.9404

0.3512

339.6949,
375.1871, 336.1836

■ 0.1425, 0.4704,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.1861, 64.5464,
49.0325

■ 56.1861, 64.5464,
49.0325

■ 52.2866, 62.7604,
38.8075

■ 60.5264, 66.5245,
61.0447

■ 48.8052, 61.1508,
30.2800

■ 65.3189, 68.6930,
74.9197

■ 45.7245, 59.7126,
23.3590

■ 70.5809, 71.0611,
90.7337

■ 43.0240, 58.4375,
17.9433

■ 75.6099, 73.3479,
104.7802

■ 40.6806, 57.3161,
13.9199

■ 78.0973, 74.6302,
104.8966

■ 38.6685, 56.3378,
11.1603

■ 80.6908, 75.9672,
105.0180

■ 36.9570, 55.4902,
9.5117

■ 83.3916, 77.3595,
105.1444

■ 35.4931, 54.7519,
8.7032

■ 83.8472, 77.5944,
105.1657

■ 35.4803, 54.7455,
8.6969

Harmonies

Analogous

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



60.9097, 64.5464, 45.6393



56.1861, 64.5464, 49.0325



52.9946, 64.5464, 58.0331

Triad

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



56.1861, 64.5464, 49.0325



56.9091, 64.5464, 98.4921



71.7552, 64.5464, 69.0253

Complementary

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



56.1861, 64.5464, 49.0325



48.0798, 45.5381, 71.2249

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.



70.5392, 64.5464, 84.1391



56.1861, 64.5464, 49.0325



61.7912, 64.5464, 102.4961

Square

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



56.1861, 64.5464, 49.0325



53.3954, 64.5464, 86.6284



66.8198, 64.5464, 96.9198



70.0566, 64.5464, 56.1299

Rectangle

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



56.1861, 64.5464, 49.0325



52.0674, 64.5464, 66.6793



66.8198, 64.5464, 96.9198



71.6737, 64.5464, 74.0081

Sweetspot

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



56.1878, 64.5492, 49.0339



90.7468, 98.0550, 96.3482



53.7052, 53.3004, 46.9935



19.3265, 20.9438, 20.3432



0.0000, 0.0000, 0.0000



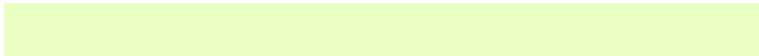
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.1878, 64.5492, 49.0339



79.2909, 92.8387, 64.6618



50.9620, 61.8552, 48.7893



13.0327, 14.2931, 13.2326



21.1202, 32.4642, 5.1531



1.3617, 2.0034, 0.3149

Inverse Universe

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



48.0798, 45.5381, 71.2249



65.3667, 60.1849, 102.7794



53.5879, 48.3776, 71.4827



12.1472, 12.2173, 15.6555



9.1765, 3.8832, 38.7190



0.6415, 0.2796, 2.3395

Previews

White Background



This preview shows how the XYZ color 56.1861, 64.5464, 49.0325 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 56.1861, 64.5464, 49.0325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

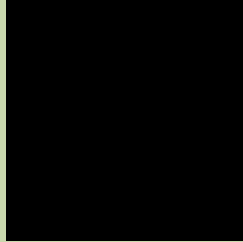
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

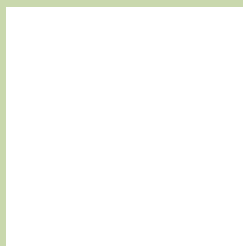
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.1861, 64.5464, 49.0325

Background



This preview shows how black text looks on a background with the XYZ color 56.1861, 64.5464, 49.0325.



This preview shows how white text looks on a background with the XYZ color 56.1861, 64.5464,

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

56.1861, 64.5464, 49.0325

Protanopia

60.7337, 64.6834, 47.3144

Deuteranopia

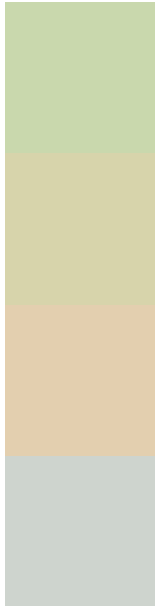
65.5750, 64.2529, 50.0202



Tritanopia

62.6856, 64.5925, 80.3979

Trichromacy



Original Color

56.1861, 64.5464, 49.0325

Protanomaly

58.9185, 64.4743, 47.8675

Deuteranomaly

61.7292, 64.0517, 49.6672

Tritanomaly

60.1377, 64.6650, 67.7045

Monochromacy



Original Color

56.1861, 64.5464, 49.0325

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.0738, 63.0125, 60.7316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1861, 64.5464, 49.0325 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(201, 216, 173)` looks like.

```
.text, #text, p{  
    color:rgb(201, 216, 173)  
}
```

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(201, 216, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 216, 173) }
```

Border

The CSS property to change the border of an element to XYZ 56.1861, 64.5464, 49.0325 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(201, 216, 173) }
```


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

```
.border{ border-color:rgb(201, 216, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 216, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 216, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 216, 173);  
box-shadow:4px 4px 4px 4px rgb(201, 216,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1861, 64.5464, 49.0325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 216, 173) }
```

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

```
.background{ background-color: rgb(201,  
216, 173) }
```

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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