

Converting Colors

XYZ(56.7492, 65.5515, 50.3424)

Have a look what the booklet for
XYZ(56.7492, 65.5515, 50.3424)
contains.

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Color

**XYZ(56.6287, 65.5173,
50.2189)**

Conversions

Conversions Part 1

Format	Color
Hex	C8DAAF
RGB	200, 218, 175
RGB Percent	78%, 85%, 69%
CMY	0.2157, 0.1451, 0.3137
CMYK	0.08, 0.00, 0.20, 0.15
HSL	85°, 37%, 77%
HSV	85°, 20%, 85%
XYZ	56.6287, 65.5173, 50.2189
YIQ	207.7160, 3.0750, -17.1890

Conversions

Conversions Part 2

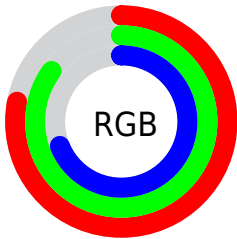
Format	Color
R _{YB}	175, 218, 193
Decimal	13163183
CIE _{Lab}	84.75, -13.54, 19.18
CIE _{LCh}	85, 23.476, 125.211
Yxy	65.5173, 0.3285, 0.3801
Android (android.graphics.Color)	4291353263 (0xFFC8DAAF)
YUV	207.7160, -16.1290, -6.7669
Hunter-Lab	80.9428, -16.7687, 19.8749

Details

The XYZ color **56.6287, 65.5173, 50.2189** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.9798, 47.0611, 72.7827**, and the grayscale version is **59.8715, 62.9895, 68.5956**.

A 20% lighter version of the original color is **91.4238, 98.5495, 89.8047**, and **28.4641, 33.7105, 23.4189** is the 20% darker color. If you saturate the color by 10%, you get **52.2932, 63.5120, 39.7272**, and if you desaturate by 10%, it is **61.4589, 67.7416, 62.5409**.

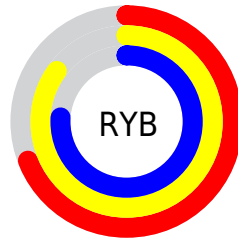
Distribution



Red (78%)

Green (85%)

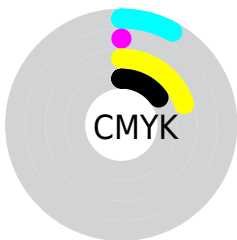
Blue (69%)



Red (69%)

Yellow (85%)

Blue (76%)

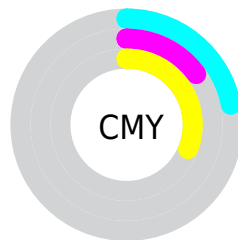


Cyan (8%)

Magenta (0%)

Yellow (20%)

Black (15%)



Cyan (22%)


Magenta (15%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.6287, 65.5173, 50.2189 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 56.6287, 65.5173, 50.2189 by changing the saturation by 10% instead.


 56.6287, 65.5173,
50.2189

 56.6287, 65.5173,
50.2189


402.0932,
444.6486, 404.2809

 40.9462, 47.8807,
35.2150


 99.0577, 112.7932,
91.8988

 28.4645, 33.7324,
23.5436


126.5349,
143.2014, 119.4118

 18.8184, 22.6881,
14.7864

158.6744,
178.6354, 151.9316

 11.6423, 14.3634,
8.5246

195.8415,
219.4798, 189.8766

 6.5711, 8.3738,
4.3399

238.4015,
266.1189, 233.6656

 3.2393, 4.3351,
1.8136

286.7200,

 1.2815, 1.8627,

318.9371, 283.7169

0.4369

341.1621,
378.3189, 340.4492

■ 0.1693, 0.5258,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.6287, 65.5173,
50.2189

■ 56.6287, 65.5173,
50.2189

■ 52.2932, 63.5120,
39.7272

■ 61.4589, 67.7416,
62.5409

■ 48.4283, 61.7093,
30.9741

■ 66.7966, 70.1839,
76.7703

■ 45.0150, 60.1034,
23.8666

■ 72.6603, 72.8539,
92.9852

■ 42.0311, 58.6853,
18.3012

■ 77.8843, 75.2857,
105.0344

■ 39.4520, 57.4447,
14.1627

■ 81.0016, 76.8927,
105.1803

■ 37.2500, 56.3701,
11.3198

■ 84.2761, 78.5808,
105.3335

■ 35.3927, 55.4484,
9.6166

■ 84.3627, 78.6255,
105.3376

■ 33.8259, 54.6575,
8.7843

■ 33.7854, 54.6370,
8.7653

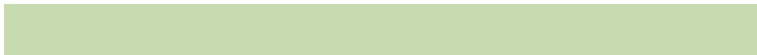
Harmonies

Analogous

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



61.3595, 65.5173, 46.2359



56.6287, 65.5173, 50.2189



53.5461, 65.5173, 59.8843

Triad

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



56.6287, 65.5173, 50.2189



58.1330, 65.5173, 100.9495



72.8810, 65.5173, 68.7424

Complementary

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



56.6287, 65.5173, 50.2189



49.9798, 47.0611, 72.7827

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.



71.8983, 65.5173, 84.1645



56.6287, 65.5173, 50.2189



63.1940, 65.5173, 104.1922

Square

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



56.6287, 65.5173, 50.2189



54.3798, 65.5173, 89.3476



68.2788, 65.5173, 97.6745



70.8936, 65.5173, 55.9260

Rectangle

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



56.6287, 65.5173, 50.2189



52.7406, 65.5173, 68.9495



68.2788, 65.5173, 97.6745



72.8882, 65.5173, 73.7794

Sweetspot

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



56.6304, 65.5202, 50.2203



90.3661, 97.8587, 96.3304



55.7053, 56.1059, 48.4519



19.2364, 20.8974, 20.3390



0.0000, 0.0000, 0.0000



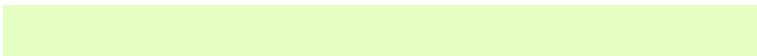
20.3446, 21.4041, 23.3091

Same Dimension

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



56.6304, 65.5202, 50.2203



77.9088, 92.1262, 64.5972



51.3055, 62.7751, 49.9711



13.6080, 14.9782, 13.8994



20.3651, 32.7961, 5.2569



1.4168, 2.1749, 0.3451

Inverse Universe

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



49.9798, 47.0611, 72.7827



66.6380, 60.8403, 102.8389



55.8406, 50.0825, 73.0569



12.8527, 12.8822, 16.4612



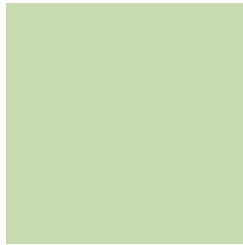
10.2989, 4.4334, 40.0513



0.7640, 0.3371, 2.5992

Previews

White Background



This preview shows how the XYZ color 56.6287, 65.5173, 50.2189 looks on a white background.

Color Contrast Check

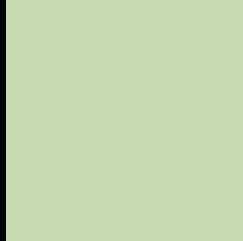
Large Text (above 18pt) WCAG AA × Fail

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 56.6287, 65.5173, 50.2189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

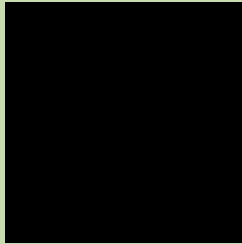
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.6287, 65.5173, 50.2189

Background



This preview shows how black text looks on a background with the XYZ color 56.6287, 65.5173, 50.2189.



This preview shows how white text looks on a background with the XYZ color 56.6287, 65.5173,

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

56.6287, 65.5173, 50.2189

Protanopia

61.4811, 65.4144, 48.4156

Deuteranopia

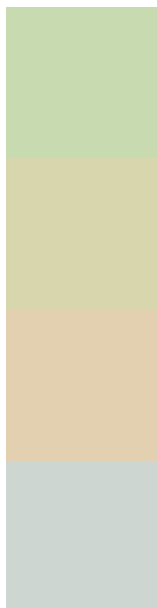
66.3540, 64.9809, 51.1648



Tritanopia

63.1718, 65.5445, 81.9949

Trichromacy



Original Color

56.6287, 65.5173, 50.2189

Protanomaly

59.6137, 65.5573, 49.0470

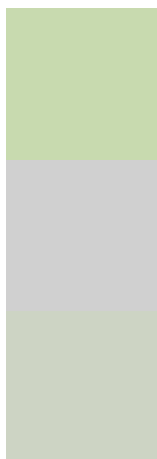
Deuteranomaly

62.1702, 64.6170, 50.7906

Tritanomaly

60.6086, 65.6263, 69.1472

Monochromacy



Original Color

56.6287, 65.5173, 50.2189

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.6841, 64.0516, 61.4948

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6287, 65.5173, 50.2189 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(200, 218, 175)` looks like.

```
.text, #text, p{  
    color:rgb(200, 218, 175)  
}
```

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(200, 218, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 218, 175) }
```

Border

The CSS property to change the border of an element to XYZ 56.6287, 65.5173, 50.2189 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(200, 218, 175) }
```


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

```
.border{ border-color:rgb(200, 218, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 218, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 218, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 218, 175);  
box-shadow:4px 4px 4px 4px rgb(200, 218,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6287, 65.5173, 50.2189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 218, 175) }
```

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

```
.background{ background-color: rgb(200,  
218, 175) }
```

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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