

Converting Colors

XYZ(47.6050, 56.7927, 36.9976)

Have a look what the booklet for
XYZ(47.6050, 56.7927, 36.9976)
contains.

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Color

**XYZ(47.5037, 56.6268,
36.8601)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B9CE95 |
| RGB | 185, 206, 149 |
| RGB Percent | 73%, 81%, 58% |
| CMY | 0.2745, 0.1921, 0.4157 |
| CMYK | 0.10, 0.00, 0.28, 0.19 |
| HSL | 82°, 37%, 70% |
| HSV | 82°, 28%, 81% |
| XYZ | 47.5037, 56.6268, 36.8601 |
| YIQ | 193.2230, 5.7810, -22.1790 |

Conversions

Conversions Part 2

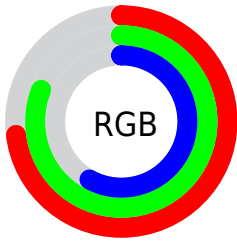
| Format | Color |
|-------------------------------------|--|
| RYB | 149, 206, 170 |
| Decimal | 12177045 |
| CIELab | 79.97, -16.87, 26.08 |
| CIELCh | 80, 31.054, 122.895 |
| Yxy | 56.6268, 0.3369, 0.4016 |
| Android (android.graphics.Color) | 4290367125 (0xFFB9CE95) |
| YUV | 193.2230, -21.8019, -7.2116 |
| Hunter-Lab | 75.2508, -19.0068, 23.6335 |

Details

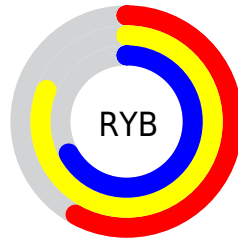
The XYZ color **47.5037, 56.6268, 36.8601** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.4678, 34.4987, 63.0270**, and the grayscale version is **50.9429, 53.5959, 58.3659**.

A 20% lighter version of the original color is **83.1574, 94.7090, 70.3977**, and **22.7929, 28.1636, 15.7901** is the 20% darker color. If you saturate the color by 10%, you get **44.2202, 55.1094, 28.8674**, and if you desaturate by 10%, it is **51.1789, 58.3160, 46.3920**.

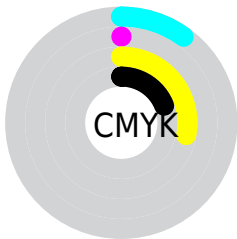
Distribution



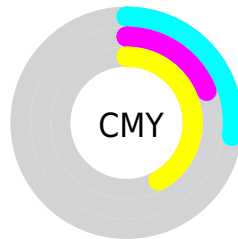
- Red (73%)
- Green (81%)
- Blue (58%)



- Red (58%)
- Yellow (81%)
- Blue (67%)



- Cyan (10%)
- Magenta (0%)
- Yellow (28%)
- Black (19%)



- Cyan (27%)
- Magenta (19%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.5037, 56.6268, 36.8601 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 47.5037, 56.6268, 36.8601 by changing the saturation by 10% instead.

■ 47.5037, 56.6268,
36.8601

■ 47.5037, 56.6268,
36.8601

367.4369,
412.0494, 347.8549

■ 33.6436, 40.7057,
24.8043

■ 85.6792, 99.9204,
71.5415

■ 22.7816, 28.0892,
15.7136

■ 110.7253,
128.0617, 95.0041

■ 14.5521, 18.3929,
9.1696

140.2308,
161.0452, 123.1061

■ 8.5899, 11.2324,
4.7536

174.5611,
199.2553, 156.2659

■ 4.5296, 6.2234,
2.0472

214.0815,
243.0764, 194.9022

■ 2.0059, 2.9814,
0.5841

259.1574,

■ 0.6373, 1.1220,

292.8928, 239.4334

0.0000

310.1541,
349.0890, 290.2781

■ 0.0000, 0.0000,
0.0000

■ 47.5037, 56.6268,
36.8601

■ 47.5037, 56.6268,
36.8601

■ 44.2202, 55.1094,
28.8674

■ 51.1789, 58.3160,
46.3920

■ 41.3071, 53.7493,
22.3294

■ 55.2570, 60.1760,
57.5343

■ 38.7477, 52.5416,
17.1592

■ 59.7543, 62.2152,
70.3582

■ 36.5217, 51.4781,
13.2589

■ 64.6847, 64.4395,
84.9295

■ 34.6066, 50.5495,
10.5178

■ 70.0613, 66.8542,
101.3106

■ 32.9760, 49.7451,
8.8062

■ 72.9309, 68.2783,
103.9429

■ 31.5934, 49.0501,
7.9403

■ 75.4281, 69.5657,
104.0598

■ 31.2933, 48.8984,
7.7890

■ 78.0328, 70.9084,
104.1817

■ 80.7463, 72.3073,
104.3087

Harmonies

Analogous

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



53.2122, 56.6268, 33.0789



47.5037, 56.6268, 36.8601



43.7369, 56.6268, 47.1539

Triad

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



47.5037, 56.6268, 36.8601



48.4860, 56.6268, 98.0094



66.8584, 56.6268, 59.9204

Complementary

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



47.5037, 56.6268, 36.8601



38.4678, 34.4987, 63.0270

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.



65.3494, 56.6268, 78.8651



47.5037, 56.6268, 36.8601



54.4365, 56.6268, 103.2323

Square

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



47.5037, 56.6268, 36.8601



44.2721, 56.6268, 82.4975



60.6772, 56.6268, 95.6409



64.6552, 56.6268, 44.6598

Rectangle

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



47.5037, 56.6268, 36.8601



42.6675, 56.6268, 57.4619



60.6772, 56.6268, 95.6409



66.7687, 56.6268, 66.0514

Sweetspot

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



47.5052, 56.6293, 36.8613



89.2260, 97.3572, 92.3837



45.2364, 44.0056, 34.5443



18.8743, 20.7366, 19.1521



0.0000, 0.0000, 0.0000



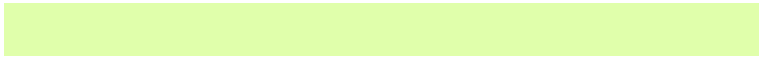
20.3446, 21.4041, 23.3091

Same Dimension

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



47.5052, 56.6293, 36.8613



73.8346, 90.3007, 51.9914



41.3246, 53.4431, 36.5721



11.7375, 12.8821, 11.9473



19.3784, 30.1652, 4.8011



1.0815, 1.5984, 0.2515

Inverse Universe

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



38.4678, 34.4987, 63.0270



56.9031, 48.8258, 101.0330



45.2844, 38.0128, 63.3460



10.9857, 11.0419, 14.1227



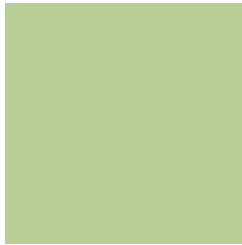
8.7891, 3.7385, 36.2146



0.5365, 0.2357, 1.8722

Previews

White Background



This preview shows how the XYZ color 47.5037, 56.6268, 36.8601 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 47.5037, 56.6268, 36.8601 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 47.5037, 56.6268, 36.8601

Background



This preview shows how black text looks on a background with the XYZ color 47.5037, 56.6268, 36.8601.



This preview shows how white text looks on a background with the XYZ color 47.5037, 56.6268,

36.8601.

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

47.5037, 56.6268, 36.8601

Protanopia

52.7455, 56.5786, 34.9288

Deuteranopia

57.3597, 56.2497, 37.5399



Tritanopia

54.4525, 56.6616, 71.0176

Trichromacy



Original Color

47.5037, 56.6268, 36.8601

Protanomaly

50.7036, 56.5451, 35.4361

Deuteranomaly

53.3502, 56.1613, 37.3065

Tritanomaly

51.6668, 56.5674, 56.9107

Monochromacy



Original Color

47.5037, 56.6268, 36.8601

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

49.3651, 54.5096, 49.5146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5037, 56.6268, 36.8601 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(185, 206, 149)` looks like.

```
.text, #text, p{  
    color:rgb(185, 206, 149)  
}
```

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(185, 206, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 206, 149) }
```

Border

The CSS property to change the border of an element to XYZ 47.5037, 56.6268, 36.8601 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(185, 206, 149) }
```


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

```
.border{ border-color:rgb(185, 206, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 206, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 206, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 206, 149);  
box-shadow:4px 4px 4px 4px rgb(185, 206,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5037, 56.6268, 36.8601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 206, 149) }
```

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

```
.background{ background-color: rgb(185,  
206, 149) }
```

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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