

Converting Colors

XYZ(50.5010, 60.9864, 46.3024)

Have a look what the booklet for
XYZ(50.5010, 60.9864, 46.3024)
contains.

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Color

**XYZ(50.4059, 60.8654,
46.1373)**

Conversions

Conversions Part 1

Format	Color
Hex	B6D6A8
RGB	182, 214, 168
RGB Percent	71%, 84%, 66%
CMY	0.2863, 0.1608, 0.3412
CMYK	0.15, 0.00, 0.21, 0.16
HSL	102°, 36%, 75%
HSV	102°, 21%, 84%
XYZ	50.4059, 60.8654, 46.1373
YIQ	199.1880, -4.3060, -21.0900

Conversions

Conversions Part 2

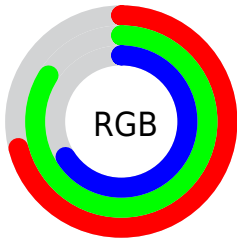
Format	Color
R _{YB}	168, 214, 200
Decimal	11982504
CIE _{Lab}	82.31, -19.02, 19.27
CIE _{LCh}	82, 27.077, 134.617
Y _{xy}	60.8654, 0.3202, 0.3867
Android (android.graphics.Color)	4290172584 (0xFFB6D6A8)
YUV	199.1880, -15.3757, -15.0739
Hunter-Lab	78.0163, -21.2006, 19.5485

Details

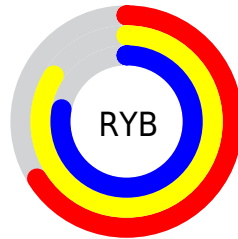
The XYZ color **50.4059, 60.8654, 46.1373** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **49.9621, 45.1414, 69.7014**, and the grayscale version is **54.4957, 57.3337, 62.4364**.

A 20% lighter version of the original color is **84.3392, 95.0249, 83.7085**, and **24.6038, 30.7244, 21.1566** is the 20% darker color. If you saturate the color by 10%, you get **45.2433, 58.4175, 36.3312**, and if you desaturate by 10%, it is **56.2738, 63.6426, 57.6917**.

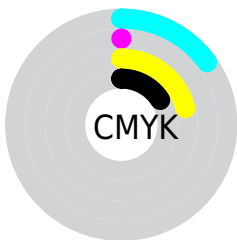
Distribution



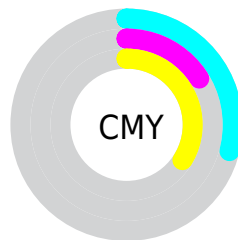
- Red (71%)
- Green (84%)
- Blue (66%)



- Red (66%)
- Yellow (84%)
- Blue (78%)



- Cyan (15%)
- Magenta (0%)
- Yellow (21%)
- Black (16%)



- Cyan (29%)
- Magenta (16%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.4059, 60.8654, 46.1373 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 50.4059, 60.8654, 46.1373 by changing the saturation by 10% instead.

■ 50.4059, 60.8654,
46.1373

■ 50.4059, 60.8654,
46.1373

378.6769,
427.7803, 387.6540

■ 35.9551, 44.1165,
32.0047

■ 89.9642, 106.0840,
85.7609

■ 24.5695, 30.7621,
21.1003

■ 115.8025,
135.3226, 112.0890

■ 15.8836, 20.4178,
13.0054

146.1673,
169.4932, 143.3194

■ 9.5322, 12.6991,
7.3015

181.4240,
208.9802, 179.8705

■ 5.1498, 7.2217,
3.5700

221.9380,
254.1680, 222.1610

■ 2.3711, 3.6011,
1.3926

268.0745,

■ 0.8307, 1.4530,

305.4410, 270.6094

0.1359

320.1991,
363.1837, 325.6342

■ 0.0000, 0.2553,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.4059, 60.8654,
46.1373

■ 50.4059, 60.8654,
46.1373

■ 45.2433, 58.4175,
36.3312

■ 56.2738, 63.6426,
57.6917

■ 40.7534, 56.2785,
28.1843

■ 62.8681, 66.7528,
71.0696

■ 36.9082, 54.4379,
21.6059

■ 70.2153, 70.2099,
86.3465

■ 33.6758, 52.8813,
16.4949

■ 78.3386, 74.0243,
103.5928

■ 31.0211, 51.5932,
12.7383

■ 83.3378, 76.5756,
104.9959

■ 28.9051, 50.5562,
10.2068

■ 27.2829, 49.7505,
8.7457

■ 26.2360, 49.2236,
8.1183

Harmonies

Analogous

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



55.0970, 60.8654, 40.0449



50.4059, 60.8654, 46.1373



47.8033, 60.8654, 58.1986

Triad

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



50.4059, 60.8654, 46.1373



54.9584, 60.8654, 101.8541



69.2591, 60.8654, 58.5759

Complementary

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



50.4059, 60.8654, 46.1373



49.9621, 45.1414, 69.7014

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.



69.2158, 60.8654, 75.0596



50.4059, 60.8654, 46.1373



60.6947, 60.8654, 102.0007

Square

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



50.4059, 60.8654, 46.1373



50.3102, 60.8654, 91.1763



65.9947, 60.8654, 91.5486



66.1094, 60.8654, 46.3738

Rectangle

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



50.4059, 60.8654, 46.1373



47.4858, 60.8654, 68.8615



65.9947, 60.8654, 91.5486



69.6238, 60.8654, 63.7484

Sweetspot

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



50.4075, 60.8680, 46.1386



88.8755, 97.0903, 96.2607



55.3252, 58.1724, 45.3591



18.8844, 20.7159, 20.3225



0.0000, 0.0000, 0.0000



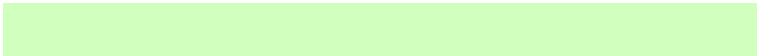
20.3446, 21.4041, 23.3091

Same Dimension

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



50.4075, 60.8680, 46.1386



71.1722, 88.7183, 61.3467



48.0763, 59.5725, 50.2654



12.6143, 14.0773, 13.2131



15.9503, 29.7990, 4.9111



1.0455, 1.8403, 0.3001

Inverse Universe

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



49.9621, 45.1414, 69.7014



70.3860, 61.1185, 102.6950



52.8244, 46.7382, 64.3568



12.5681, 12.4343, 15.6752



14.9247, 6.8465, 38.9880



0.9825, 0.4554, 2.3554

Previews

White Background



This preview shows how the XYZ color 50.4059, 60.8654, 46.1373 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 50.4059, 60.8654, 46.1373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

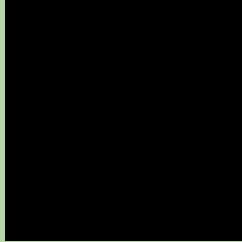
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.4059, 60.8654, 46.1373

Background



This preview shows how black text looks on a background with the XYZ color 50.4059, 60.8654, 46.1373.



This preview shows how white text looks on a background with the XYZ color 50.4059, 60.8654,

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

50.4059, 60.8654, 46.1373

Protanopia

56.8190, 60.5818, 43.3491

Deuteranopia

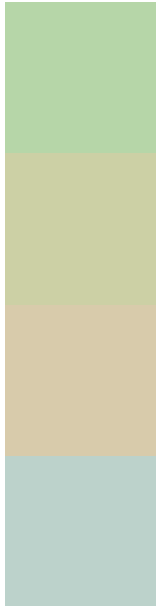
62.0047, 60.7439, 47.4865



Tritanopia

57.1180, 61.0297, 78.5815

Trichromacy



Original Color

50.4059, 60.8654, 46.1373

Protanomaly

54.2492, 60.6657, 44.4477

Deuteranomaly

57.0255, 60.2511, 47.1521

Tritanomaly

54.5651, 61.0963, 65.4168

Monochromacy



Original Color

50.4059, 60.8654, 46.1373

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

52.6623, 58.1540, 56.0262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4059, 60.8654, 46.1373 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(182, 214, 168)` looks like.

```
.text, #text, p{  
    color:rgb(182, 214, 168)  
}
```

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(182, 214, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 214, 168) }
```

Border

The CSS property to change the border of an element to XYZ 50.4059, 60.8654, 46.1373 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(182, 214, 168) }
```


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

```
.border{ border-color:rgb(182, 214, 168) }
```

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

Here you see how a box with a 4 pixel rgb(182, 214, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 214, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 214, 168);  
box-shadow:4px 4px 4px 4px rgb(182, 214,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4059, 60.8654, 46.1373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 214, 168) }
```

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

```
.background{ background-color: rgb(182,  
214, 168) }
```

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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