

Converting Colors

XYZ(48.1664, 51.5971, 51.5074)

Have a look what the booklet for
XYZ(48.1664, 51.5971, 51.5074)
contains.

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Color

**XYZ(48.0606, 51.4578,
51.6553)**

Conversions

Conversions Part 1

Format	Color
Hex	BDBFB6
RGB	189, 191, 182
RGB Percent	74%, 75%, 71%
CMY	0.2588, 0.2510, 0.2863
CMYK	0.01, 0.00, 0.05, 0.25
HSL	73°, 7%, 73%
HSV	73°, 5%, 75%
XYZ	48.0606, 51.4578, 51.6553
YIQ	189.3760, 1.6970, -3.2230

Conversions

Conversions Part 2

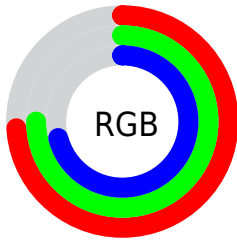
Format	Color
RYB	182, 191, 184
Decimal	12435382
CIELab	76.96, -2.33, 4.28
CIELCh	77, 4.876, 118.549
Yxy	51.4578, 0.3179, 0.3404
Android (android.graphics.Color)	4290625462 (0xFFBDBFB6)
YUV	189.3760, -3.6364, -0.3298
Hunter-Lab	71.7341, -5.9428, 7.5195

Details

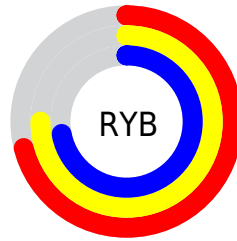
The XYZ color **48.0606, 51.4578, 51.6553** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.9010, 47.4092, 56.0245**, and the grayscale version is **48.6058, 51.1371, 55.6883**.

A 20% lighter version of the original color is **86.3496, 92.1071, 94.1162**, and **23.2043, 24.9962, 24.3706** is the 20% darker color. If you saturate the color by 10%, you get **45.1814, 50.1878, 41.9098**, and if you desaturate by 10%, it is **51.2428, 52.8559, 62.8227**.

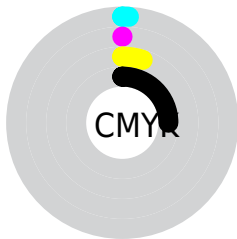
Distribution



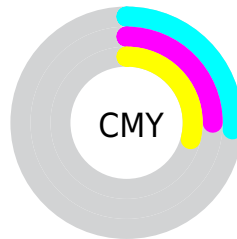
- Red (74%)
- Green (75%)
- Blue (71%)



- Red (71%)
- Yellow (75%)
- Blue (72%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (25%)



- Cyan (26%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.0606, 51.4578, 51.6553 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 48.0606, 51.4578, 51.6553 by changing the saturation by 10% instead.

■ 48.0606, 51.4578,
51.6553

■ 48.0606, 51.4578,
51.6553

369.6109,
392.3398, 410.0234

■ 34.0863, 36.5731,
36.3500

■ 86.5038, 92.3311,
94.0441

■ 23.1231, 24.8771,
24.4128

111.7034,
119.0885, 121.9647

■ 14.8056, 15.9855,
15.4251

141.3755,
150.5722, 154.9275

■ 8.7685, 9.5139,
8.9684

175.8855,
187.1667, 193.3510

■ 4.6464, 5.0779,
4.6240

215.5986,
229.2563, 237.6539

■ 2.0739, 2.2930,
1.9735

260.8803,

■ 0.6750, 0.7700,

277.2254, 288.2545

0.5389

312.0960,
331.4585, 345.5715

■ 0.0000, 0.0000,
0.0000

■ 48.0606, 51.4578,
51.6553

■ 48.0606, 51.4578,
51.6553

■ 45.1814, 50.1878,
41.9098

■ 51.2428, 52.8559,
62.8227

■ 42.5899, 49.0347,
33.5256

■ 54.7343, 54.3797,
75.4623

■ 40.2757, 47.9960,
26.4432

■ 58.5464, 56.0354,
89.6263

■ 38.2261, 47.0667,
20.5968

■ 62.1357, 57.6056,
102.4518

■ 36.4273, 46.2411,
15.9154

■ 63.3317, 58.2221,
102.5078

■ 34.8641, 45.5132,
12.3205

■ 64.5598, 58.8552,
102.5653

■ 33.5195, 44.8761,
9.7240

■ 65.8203, 59.5051,
102.6243

■ 32.3739, 44.3220,
8.0240

■ 67.1135, 60.1717,
102.6848

■ 31.4036, 43.8413,
7.0970

■ 68.4396, 60.8553,
102.7468

Harmonies

Analogous

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



48.9543, 51.4578, 51.0700



48.0606, 51.4578, 51.6553



47.4014, 51.4578, 53.4024

Triad

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



48.0606, 51.4578, 51.6553



47.9832, 51.4578, 60.5060



50.7161, 51.4578, 56.1584

Complementary

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



48.0606, 51.4578, 51.6553



45.9010, 47.4092, 56.0245

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.



50.4484, 51.4578, 58.7399



48.0606, 51.4578, 51.6553



48.8639, 51.4578, 61.2986

Square

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



48.0606, 51.4578, 51.6553



47.3572, 51.4578, 58.5087



49.7675, 51.4578, 60.6424



50.4946, 51.4578, 53.6200

Rectangle

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



48.0606, 51.4578, 51.6553



47.1796, 51.4578, 55.0196



49.7675, 51.4578, 60.6424



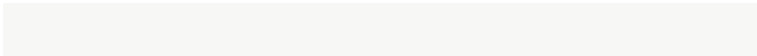
50.6803, 51.4578, 57.0503

Sweetspot

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



48.0620, 51.4600, 51.6564



88.1176, 93.0586, 99.6052



47.0612, 48.7155, 51.1794



19.3561, 20.4376, 21.8943



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



48.0620, 51.4600, 51.6564



85.3306, 91.8326, 89.9516



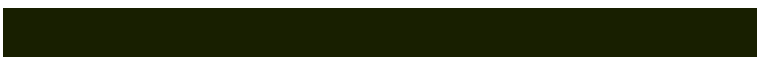
46.9752, 50.8997, 51.6056



10.2869, 11.0891, 10.7756



20.4011, 28.6930, 4.4631



0.8514, 1.1509, 0.1773

Inverse Universe

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



45.9010, 47.4092, 56.0245



80.3721, 82.5378, 99.9745



46.9837, 47.9674, 56.0752



9.6455, 9.8867, 12.0722



6.8794, 2.8325, 32.5770



0.3273, 0.1408, 1.2788

Previews

White Background



This preview shows how the XYZ color 48.0606, 51.4578, 51.6553 looks on a white background.

Color Contrast Check

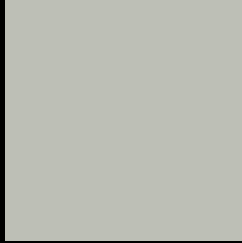
Large Text (above 18pt) WCAG AA × Fail

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 48.0606, 51.4578, 51.6553 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

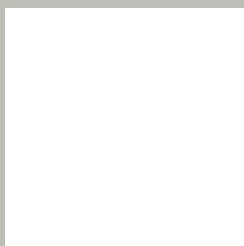
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.0606, 51.4578, 51.6553

Background



This preview shows how black text looks on a background with the XYZ color 48.0606, 51.4578, 51.6553.



This preview shows how white text looks on a background with the XYZ color 48.0606, 51.4578,

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

48.0606, 51.4578, 51.6553

Protanopia

49.0438, 51.3335, 51.0395

Deuteranopia

52.5517, 51.5488, 51.9799



Tritanopia

50.5009, 51.4847, 63.7758

Trichromacy



Original Color

48.0606, 51.4578, 51.6553

Protanomaly

48.7463, 51.5006, 51.0875

Deuteranomaly

50.9462, 51.6561, 52.0852

Tritanomaly

49.5338, 51.4117, 58.9425

Monochromacy



Original Color

48.0606, 51.4578, 51.6553

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.2626, 51.1909, 53.7915

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0606, 51.4578, 51.6553 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(189, 191, 182)` looks like.

```
.text, #text, p{  
    color:rgb(189, 191, 182)  
}
```

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(189, 191, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 191, 182) }
```

Border

The CSS property to change the border of an element to XYZ 48.0606, 51.4578, 51.6553 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(189, 191, 182) }
```


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

```
.border{ border-color:rgb(189, 191, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 191, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 191, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 191, 182);  
box-shadow:4px 4px 4px 4px rgb(189, 191,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0606, 51.4578, 51.6553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 191, 182) }
```

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

```
.background{ background-color: rgb(189,  
191, 182) }
```

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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