

Converting Colors

XYZ(48.8634, 51.3449, 66.3877)

Have a look what the booklet for
XYZ(48.8634, 51.3449, 66.3877)
contains.

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Color

**XYZ(48.7320, 51.1557,
66.3371)**

Conversions

Conversions Part 1

Format	Color
Hex	B5BECF
RGB	181, 190, 207
RGB Percent	71%, 75%, 81%
CMY	0.2902, 0.2549, 0.1882
CMYK	0.13, 0.08, 0.00, 0.19
HSL	219°, 21%, 76%
HSV	219°, 13%, 81%
XYZ	48.7320, 51.1557, 66.3371
YIQ	189.2470, -10.8210, 3.3790

Conversions

Conversions Part 2

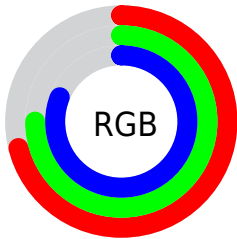
Format	Color
RYB	181, 188, 207
Decimal	11910863
CIELab	76.77, 0.30, -9.60
CIElCh	77, 9.600, 271.799
Yxy	51.1557, 0.2932, 0.3078
Android (android.graphics.Color)	4290100943 (0xFFB5BECF)
YUV	189.2470, 8.7522, -7.2326
Hunter-Lab	71.5232, -3.5455, -4.9247

Details

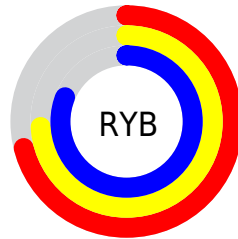
The XYZ color **48.7320, 51.1557, 66.3371** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.2669, 56.9894, 51.8569**, and the grayscale version is **48.4683, 50.9924, 55.5307**.

A 20% lighter version of the original color is **85.9308, 91.1361, 107.6697**, and **23.5975, 24.7804, 33.6764** is the 20% darker color. If you saturate the color by 10%, you get **41.4383, 43.2458, 65.1956**, and if you desaturate by 10%, it is **57.0221, 59.9860, 67.6054**.

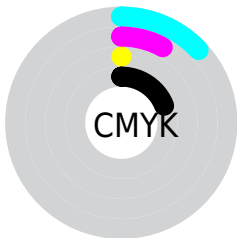
Distribution



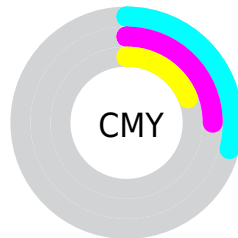
- Red (71%)
- Green (75%)
- Blue (81%)



- Red (71%)
- Yellow (74%)
- Blue (81%)



- Cyan (13%)
- Magenta (8%)
- Yellow (0%)
- Black (19%)



- Cyan (29%)
- Magenta (25%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.7320, 51.1557, 66.3371 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 48.7320, 51.1557, 66.3371 by changing the saturation by 10% instead.

■ 48.7320, 51.1557,
66.3371

■ 48.7320, 51.1557,
66.3371

372.2208,
391.1684, 466.0186

■ 34.6206, 36.3325,
48.0879

■ 87.4964, 91.8849,
115.6016

■ 23.5359, 24.6911,
33.5360

112.8801,
118.5597, 147.4541

■ 15.1126, 15.8471,
22.2629

142.7520,
149.9538, 184.6779

■ 8.9853, 9.4160,
13.8500

177.4773,
186.4517, 227.6919

■ 4.7886, 5.0135,
7.8789

217.4215,
228.4377, 276.9143

■ 2.1572, 2.2552,
3.9309

262.9499,

■ 0.7201, 0.7498,

276.2962, 332.7639

1.5875

314.4279,
330.4117, 395.6592

■ 0.0000, 0.0000,
0.2819

■ 0.0000, 0.0000,
0.0000

■ 48.7320, 51.1557,
66.3371

■ 48.7320, 51.1557,
66.3371

■ 41.4383, 43.2458,
65.1956

■ 57.0221, 59.9860,
67.6054

■ 35.0973, 36.2188,
64.1734

■ 66.3409, 69.7597,
69.0007

■ 29.6688, 30.0439,
63.2677

■ 76.7247, 80.5071,
70.5279

■ 25.1079, 24.6859,
62.4738

■ 84.8938, 90.5473,
72.0353

■ 21.3654, 20.1069,
61.7873

■ 88.2626, 97.2851,
73.1583

■ 18.3870, 16.2657,
61.2028

■ 16.1109, 13.1163,
60.7149

■ 14.4643, 10.6061,
60.3172

■ 13.5591, 9.0981,
60.0738

Harmonies

Analogous

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



46.9859, 51.1557, 65.0140



48.7320, 51.1557, 66.3371



50.4907, 51.1557, 64.6655

Triad

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



48.7320, 51.1557, 66.3371



51.6593, 51.1557, 50.5806



45.6007, 51.1557, 51.0938

Complementary

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



48.7320, 51.1557, 66.3371



54.2669, 56.9894, 51.8569

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.



46.7999, 51.1557, 47.6037



48.7320, 51.1557, 66.3371



50.2956, 51.1557, 47.3207

Square

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



48.7320, 51.1557, 66.3371



52.2067, 51.1557, 55.3855



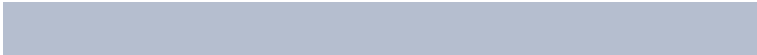
48.5121, 51.1557, 46.2652



45.2052, 51.1557, 56.0154

Rectangle

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



48.7320, 51.1557, 66.3371



51.4261, 51.1557, 62.1349



48.5121, 51.1557, 46.2652



45.9217, 51.1557, 49.7252

Sweetspot

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



48.7335, 51.1578, 66.3382



89.3060, 93.9356, 108.0322



51.5513, 58.5229, 61.9455



18.8904, 19.8679, 23.0892



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.



48.7335, 51.1578, 66.3382



74.8863, 78.5240, 105.8175



47.7707, 47.8556, 65.7516



11.4936, 12.0776, 14.9691



8.6229, 5.8923, 37.8754



0.5555, 0.4762, 2.1422

Inverse Universe

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



51.5515, 50.0319, 55.6578



80.2706, 76.4698, 85.3883



55.3100, 60.6733, 52.5130



11.9753, 11.8749, 13.1458



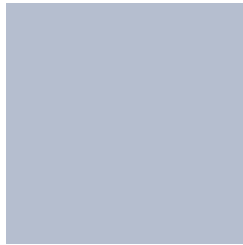
16.9832, 8.6661, 4.8175



0.9866, 0.4994, 0.4644

Previews

White Background



This preview shows how the XYZ color 48.7320, 51.1557, 66.3371 looks on a white background.

Color Contrast Check

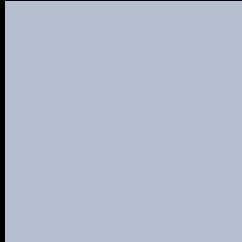
Large Text (above 18pt) WCAG AA × Fail

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 48.7320, 51.1557, 66.3371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

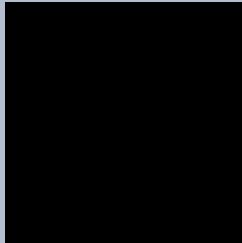
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

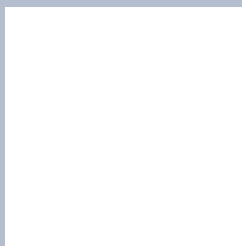
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.7320, 51.1557, 66.3371

Background



This preview shows how black text looks on a background with the XYZ color 48.7320, 51.1557, 66.3371.



This preview shows how white text looks on a background with the XYZ color 48.7320, 51.1557,

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

48.7320, 51.1557, 66.3371

Protanopia

49.8628, 51.1140, 65.6305

Deuteranopia

52.0788, 50.9772, 66.7692



Tritanopia

48.4890, 51.0584, 65.0572

Trichromacy



Original Color

48.7320, 51.1557, 66.3371

Protanomaly

49.3458, 51.1657, 65.6677

Deuteranomaly

50.6823, 50.8783, 66.8238

Tritanomaly

48.6101, 51.1069, 65.6951

Monochromacy



Original Color

48.7320, 51.1557, 66.3371

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.4111, 50.8198, 59.4822

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.7320, 51.1557, 66.3371 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(181, 190, 207)` looks like.

```
.text, #text, p{  
    color:rgb(181, 190, 207)  
}
```

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(181, 190, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 190, 207) }
```

Border

The CSS property to change the border of an element to XYZ 48.7320, 51.1557, 66.3371 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(181, 190, 207) }
```


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

```
.border{ border-color:rgb(181, 190, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 190, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 190, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 190, 207);  
box-shadow:4px 4px 4px 4px rgb(181, 190,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 48.7320, 51.1557, 66.3371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 190, 207) }
```

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

```
.background{ background-color: rgb(181,  
190, 207) }
```

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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