

Converting Colors

XYZ(47.6941, 51.2984, 61.9854)

Have a look what the booklet for
XYZ(47.6941, 51.2984, 61.9854)
contains.

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Color

**XYZ(47.6351, 51.3344,
62.0415)**

Conversions

Conversions Part 1

Format	Color
Hex	B2C0C8
RGB	178, 192, 200
RGB Percent	70%, 75%, 78%
CMY	0.3020, 0.2470, 0.2157
CMYK	0.11, 0.04, 0.00, 0.22
HSL	202°, 17%, 74%
HSV	202°, 11%, 78%
XYZ	47.6351, 51.3344, 62.0415
YIQ	188.7260, -10.9120, -0.4800

Conversions

Conversions Part 2

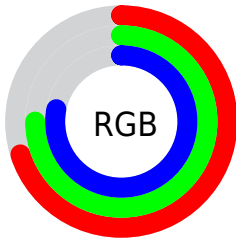
Format	Color
RYB	178, 187, 200
Decimal	11714760
CIELab	76.88, -3.19, -5.67
CIElCh	77, 6.503, 240.634
Yxy	51.3344, 0.2958, 0.3188
Android (android.graphics.Color)	4289904840 (0xFFB2C0C8)
YUV	188.7260, 5.5581, -9.4067
Hunter-Lab	71.6480, -6.7086, -1.1868

Details

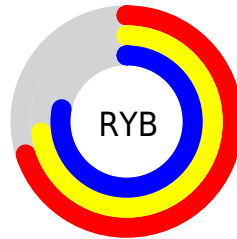
The XYZ color **47.6351, 51.3344, 62.0415** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.4145, 50.6114, 49.2850**, and the grayscale version is **48.1883, 50.6978, 55.2099**.

A 20% lighter version of the original color is **85.5491, 91.8472, 107.8271**, and **22.8784, 24.9005, 30.7946** is the 20% darker color. If you saturate the color by 10%, you get **41.8197, 46.0262, 61.3242**, and if you desaturate by 10%, it is **54.2014, 57.1496, 62.8187**.

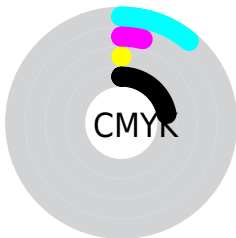
Distribution



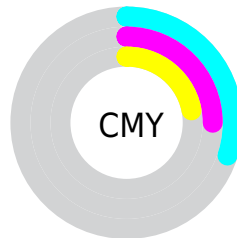
- Red (70%)
- Green (75%)
- Blue (78%)



- Red (70%)
- Yellow (73%)
- Blue (78%)



- Cyan (11%)
- Magenta (4%)
- Yellow (0%)
- Black (22%)



- Cyan (30%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.6351, 51.3344, 62.0415 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 47.6351, 51.3344, 62.0415 by changing the saturation by 10% instead.

■ 47.6351, 51.3344,
62.0415

■ 47.6351, 51.3344,
62.0415

367.9506,
391.8616, 450.0943

■ 33.7481, 36.4748,
44.6302

■ 85.8738, 92.1489,
109.3577

■ 22.8621, 24.8011,
30.8254

110.9563,
118.8726, 140.0997

■ 14.6118, 15.9289,
20.2086

140.5012,
150.3197, 176.1223

■ 8.6320, 9.4739,
12.3612

174.8739,
186.8748, 217.8442

■ 4.5571, 5.0516,
6.8647

214.4399,
228.9221, 265.6837

■ 2.0219, 2.2775,
3.3004

259.5644,

■ 0.6462, 0.7618,

276.8461, 320.0596

1.2500

310.6129,
331.0311, 381.3903

■ 0.0000, 0.0000,
0.0203

■ 0.0000, 0.0000,
0.0000

■ 47.6351, 51.3344,
62.0415

■ 47.6351, 51.3344,
62.0415

■ 41.8197, 46.0262,
61.3242

■ 54.2014, 57.1496,
62.8187

■ 36.7209, 41.2014,
60.6617

■ 61.5423, 63.4814,
63.6539

■ 32.3079, 36.8439,
60.0532

■ 69.6860, 70.3474,
64.5500

■ 28.5462, 32.9340,
59.4968

■ 77.5445, 77.1882,
65.4562

■ 25.3978, 29.4505,
58.9903

■ 79.5069, 81.1129,
66.1103

■ 22.8205, 26.3698,
58.5315

■ 81.5534, 85.2060,
66.7925

■ 20.7663, 23.6651,
58.1177

■ 83.6851, 89.4694,
67.5031

■ 19.1782, 21.3053,
57.7460

■ 85.9029, 93.9050,
68.2423

■ 18.0535, 19.4261,
57.4425

■ 87.4255, 96.9502,
68.7499

Harmonies

Analogous

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



46.7744, 51.3344, 59.4366



47.6351, 51.3344, 62.0415



48.8181, 51.3344, 62.9838

Triad

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



47.6351, 51.3344, 62.0415



51.2082, 51.3344, 55.8191



47.5902, 51.3344, 50.2376

Complementary

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



47.6351, 51.3344, 62.0415



49.4145, 50.6114, 49.2850

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.



48.7655, 51.3344, 49.3581



47.6351, 51.3344, 62.0415



50.8664, 51.3344, 52.4959

Square

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



47.6351, 51.3344, 62.0415



50.8935, 51.3344, 59.3006



49.9671, 51.3344, 50.1674



46.7488, 51.3344, 52.6212

Rectangle

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



47.6351, 51.3344, 62.0415



49.6345, 51.3344, 62.5124



49.9671, 51.3344, 50.1674



47.9587, 51.3344, 49.7609

Sweetspot

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



47.6366, 51.3365, 62.0426



91.4106, 96.8164, 108.4773



47.8464, 54.3069, 54.2488



19.3619, 20.5436, 23.1948



0.0000, 0.0000, 0.0000



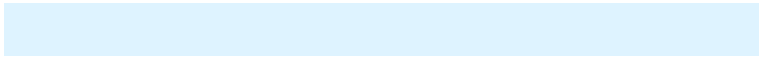
20.3446, 21.4041, 23.3091

Same Dimension

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



47.6366, 51.3365, 62.0426



80.1638, 86.7969, 107.1361



45.3713, 46.8060, 61.2876



10.6100, 11.3940, 13.5576



11.5665, 12.5270, 36.5527



0.6148, 0.7274, 1.7531

Inverse Universe

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



49.2555, 47.9271, 56.5265



83.4915, 79.8909, 95.7741



51.7544, 55.2910, 50.0650



10.9132, 10.7487, 12.5260



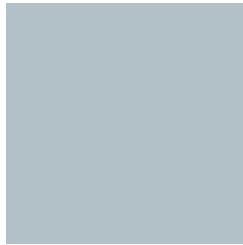
17.6376, 8.8046, 13.8332



0.8690, 0.4304, 0.8334

Previews

White Background



This preview shows how the XYZ color 47.6351, 51.3344, 62.0415 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 47.6351, 51.3344, 62.0415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

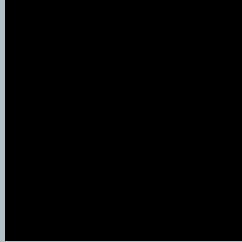
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

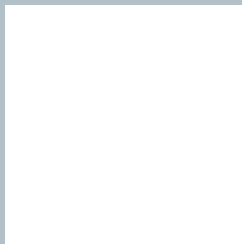
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.6351, 51.3344, 62.0415

Background



This preview shows how black text looks on a background with the XYZ color 47.6351, 51.3344, 62.0415.



This preview shows how white text looks on a background with the XYZ color 47.6351, 51.3344,

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

47.6351, 51.3344, 62.0415

Protanopia

49.4115, 50.9908, 60.6640

Deuteranopia

52.1583, 51.1018, 62.9917



Tritanopia

48.3618, 51.3015, 65.7458

Trichromacy



Original Color

47.6351, 51.3344, 62.0415

Protanomaly

48.7561, 50.9578, 61.2990

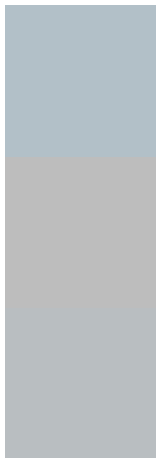
Deuteranomaly

50.3053, 51.0952, 62.4693

Tritanomaly

48.1203, 51.2049, 64.4741

Monochromacy



Original Color

47.6351, 51.3344, 62.0415

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.0467, 50.9915, 57.7621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6351, 51.3344, 62.0415 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(178, 192, 200)` looks like.

```
.text, #text, p{  
    color:rgb(178, 192, 200)  
}
```

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(178, 192, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 192, 200) }
```

Border

The CSS property to change the border of an element to XYZ 47.6351, 51.3344, 62.0415 is called "border". The border property can be set on classes, ids or directly on the HTML element.

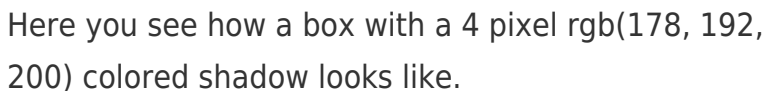
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 192, 200) }
```


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

```
.border{ border-color:rgb(178, 192, 200) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 192, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 192, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 192, 200);  
box-shadow:4px 4px 4px 4px rgb(178, 192,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6351, 51.3344, 62.0415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 192, 200) }
```

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

```
.background{ background-color: rgb(178,  
192, 200) }
```

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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