

Converting Colors

XYZ(47.6521, 51.4955, 59.0203)

Have a look what the booklet for
XYZ(47.6521, 51.4955, 59.0203)
contains.

XYZ(47.5224, 51.3427, 59.0352)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(47.5224, 51.3427,
59.0352)**

Conversions

Conversions Part 1

Format	Color
Hex	B4C0C3
RGB	180, 192, 195
RGB Percent	71%, 75%, 76%
CMY	0.2941, 0.2470, 0.2353
CMYK	0.08, 0.02, 0.00, 0.24
HSL	192°, 11%, 74%
HSV	192°, 8%, 76%
XYZ	47.5224, 51.3427, 59.0352
YIQ	188.7540, -8.1150, -1.6110

Conversions

Conversions Part 2

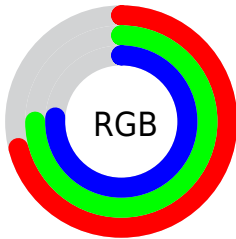
Format	Color
RYB	180, 187, 195
Decimal	11845827
CIELab	76.89, -3.52, -2.94
CIElCh	77, 4.587, 219.802
Yxy	51.3427, 0.3010, 0.3252
Android (android.graphics.Color)	4290035907 (0xFFB4C0C3)
YUV	188.7540, 3.0793, -7.6773
Hunter-Lab	71.6538, -7.0090, 1.3090

Details

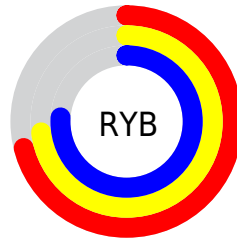
The XYZ color **47.5224, 51.3427, 59.0352** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.6777, 48.7642, 50.0805**, and the grayscale version is **48.2168, 50.7278, 55.2426**.

A 20% lighter version of the original color is **85.7302, 91.9959, 105.3340**, and **22.7927, 24.9004, 28.8042** is the 20% darker color. If you saturate the color by 10%, you get **42.4545, 47.4782, 58.5572**, and if you desaturate by 10%, it is **53.2546, 55.5861, 59.5529**.

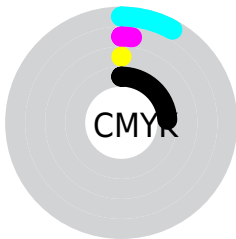
Distribution



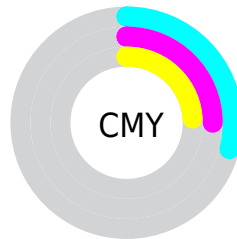
- Red (71%)
- Green (75%)
- Blue (76%)



- Red (71%)
- Yellow (73%)
- Blue (76%)



- Cyan (8%)
- Magenta (2%)
- Yellow (0%)
- Black (24%)



- Cyan (29%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.5224, 51.3427, 59.0352 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 47.5224, 51.3427, 59.0352 by changing the saturation by 10% instead.

■ 47.5224, 51.3427,
59.0352

■ 47.5224, 51.3427,
59.0352

367.5101,
391.8938, 438.7379

■ 33.6585, 36.4814,
42.2213

■ 85.7069, 92.1611,
104.9584

■ 22.7930, 24.8062,
28.9477

110.7582,
118.8871, 134.9048

■ 14.5606, 15.9327,
18.7960

140.2693,
150.3367, 170.0658

■ 8.5959, 9.4766,
11.3477

174.6057,
186.8944, 210.8598

■ 4.5335, 5.0533,
6.1841

214.1325,
228.9446, 257.7055

■ 2.0082, 2.2786,
2.8867

259.2153,

■ 0.6386, 0.7623,

276.8716, 311.0214

1.0371

310.2194,
331.0599, 371.2260

■ 0.0000, 0.0000,
0.0000

■ 47.5224, 51.3427,
59.0352

■ 47.5224, 51.3427,
59.0352

■ 42.4545, 47.4782,
58.5572

■ 53.2546, 55.5861,
59.5529

■ 38.0197, 43.9720,
58.1142

■ 59.6718, 60.2152,
60.1082

■ 34.1911, 40.8114,
57.7059

■ 66.7993, 65.2445,
60.7033

■ 30.9377, 37.9803,
57.3309

■ 73.5464, 70.1121,
61.2872

■ 28.2261, 35.4609,
56.9875

■ 74.5057, 72.0306,
61.6070

■ 26.0190, 33.2340,
56.6740

■ 75.4884, 73.9960,
61.9346

■ 24.2743, 31.2776,
56.3884

■ 76.4948, 76.0088,
62.2700

■ 22.9430, 29.5660,
56.1281

■ 77.5249, 78.0691,
62.6134

■ 21.9532, 28.0619,
55.8900

■ 78.5791, 80.1774,
62.9648

Harmonies

Analogous

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



47.1655, 51.3427, 56.7253



47.5224, 51.3427, 59.0352



48.2229, 51.3427, 60.5340

Triad

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



47.5224, 51.3427, 59.0352



50.3908, 51.3427, 57.5785



48.5147, 51.3427, 51.3023

Complementary

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



47.5224, 51.3427, 59.0352



47.6777, 48.7642, 50.0805

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.



49.3811, 51.3427, 51.5153



47.5224, 51.3427, 59.0352



50.4712, 51.3427, 55.0897

Square

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



47.5224, 51.3427, 59.0352



49.8813, 51.3427, 59.6757



50.0997, 51.3427, 52.8845



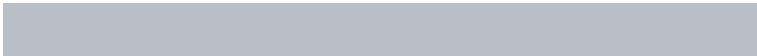
47.7338, 51.3427, 52.2936

Rectangle

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



47.5224, 51.3427, 59.0352



48.7939, 51.3427, 60.8460



50.0997, 51.3427, 52.8845



48.8055, 51.3427, 51.2361

Sweetspot

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



47.5239, 51.3449, 59.0363



90.7766, 96.1743, 106.2488



46.8596, 52.1429, 52.2592



19.9017, 21.0779, 23.2695



0.0000, 0.0000, 0.0000



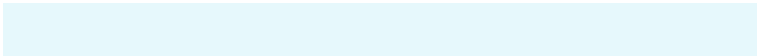
20.3446, 21.4041, 23.3091

Same Dimension

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



47.5239, 51.3449, 59.0363



83.7283, 90.9147, 105.6051



45.9704, 48.2378, 58.5185



10.1921, 11.0755, 12.8854



14.1934, 18.1432, 36.3105



0.6578, 0.8730, 1.5837

Inverse Universe

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



48.3426, 48.0515, 56.5986



85.4590, 83.9945, 100.4423



49.2124, 51.8336, 50.5921



10.4083, 10.2119, 12.2404



18.5601, 9.1138, 21.3934



0.8244, 0.4028, 1.0427

Previews

White Background



This preview shows how the XYZ color 47.5224, 51.3427, 59.0352 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 47.5224, 51.3427, 59.0352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

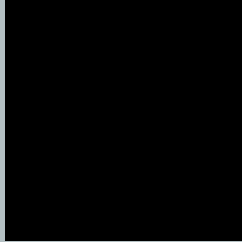
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

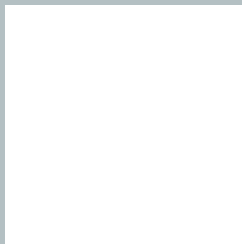
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.5224, 51.3427, 59.0352

Background



This preview shows how black text looks on a background with the XYZ color 47.5224, 51.3427, 59.0352.



This preview shows how white text looks on a background with the XYZ color 47.5224, 51.3427,

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

47.5224, 51.3427, 59.0352

Protanopia

49.5615, 51.4519, 57.7711

Deuteranopia

52.3954, 51.2913, 59.9620



Tritanopia

48.7243, 51.1798, 65.0682

Trichromacy



Original Color

47.5224, 51.3427, 59.0352

Protanomaly

48.8901, 51.4133, 58.3859

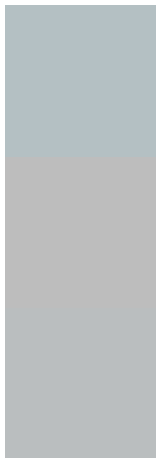
Deuteranomaly

50.4991, 51.2619, 59.4575

Tritanomaly

48.2295, 51.3024, 62.6187

Monochromacy



Original Color

47.5224, 51.3427, 59.0352

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.0671, 51.0276, 56.6061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5224, 51.3427, 59.0352 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(180, 192, 195)` looks like.

```
.text, #text, p{  
    color:rgb(180, 192, 195)  
}
```

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(180, 192, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 192, 195) }
```

Border

The CSS property to change the border of an element to XYZ 47.5224, 51.3427, 59.0352 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(180, 192, 195) }
```


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

```
.border{ border-color:rgb(180, 192, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 192, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 192, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 192, 195);  
box-shadow:4px 4px 4px 4px rgb(180, 192,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5224, 51.3427, 59.0352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 192, 195) }
```

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

```
.background{ background-color: rgb(180,  
192, 195) }
```

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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