

Converting Colors

XYZ(47.4230, 51.5808, 62.6726)

Have a look what the booklet for
XYZ(47.4230, 51.5808, 62.6726)
contains.

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Color

**XYZ(47.2918, 51.4709,
62.7007)**

Conversions

Conversions Part 1

Format	Color
Hex	AFC1C9
RGB	175, 193, 201
RGB Percent	69%, 76%, 79%
CMY	0.3137, 0.2431, 0.2118
CMYK	0.13, 0.04, 0.00, 0.21
HSL	198°, 19%, 74%
HSV	198°, 13%, 79%
XYZ	47.2918, 51.4709, 62.7007
YIQ	188.5300, -13.2960, -1.3280

Conversions

Conversions Part 2

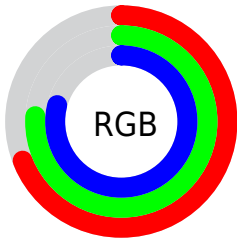
Format	Color
R_{YB}	175, 186, 201
Decimal	11518409
CIE _{Lab}	76.96, -4.50, -6.11
CIE _{LCh}	77, 7.589, 233.633
Yxy	51.4709, 0.2929, 0.3188
Android (android.graphics.Color)	4289708489 (0xFFAFC1C9)
YUV	188.5300, 6.1477, -11.8658
Hunter-Lab	71.7432, -7.8868, -1.5968

Details

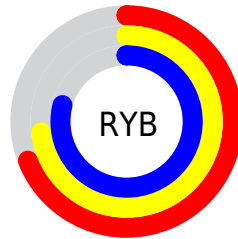
The XYZ color **47.2918, 51.4709, 62.7007** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.7592, 49.3796, 47.5198**, and the grayscale version is **48.0742, 50.5778, 55.0792**.

A 20% lighter version of the original color is **84.8807, 91.9603, 107.8842**, and **22.6706, 25.0003, 31.2344** is the 20% darker color. If you saturate the color by 10%, you get **41.7740, 46.6409, 62.0600**, and if you desaturate by 10%, it is **53.5413, 56.7657, 63.3941**.

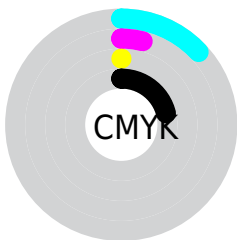
Distribution



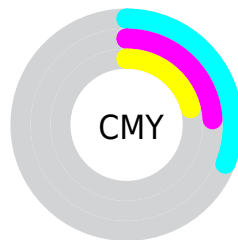
- Red (69%)
- Green (76%)
- Blue (79%)



- Red (69%)
- Yellow (73%)
- Blue (79%)



- Cyan (13%)
- Magenta (4%)
- Yellow (0%)
- Black (21%)



- Cyan (31%)
- Magenta (24%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.2918, 51.4709, 62.7007 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 47.2918, 51.4709, 62.7007 by changing the saturation by 10% instead.

■ 47.2918, 51.4709,
62.7007

■ 47.2918, 51.4709,
62.7007

366.6076,
392.3906, 452.5605

■ 33.4753, 36.5835,
45.1597

■ 85.3651, 92.3505,
110.3190

■ 22.6518, 24.8852,
31.2394

110.3527,
119.1114, 141.2334

■ 14.4559, 15.9915,
20.5212

139.7946,
150.5990, 177.4426

■ 8.5222, 9.5182,
12.5866

174.0563,
187.1977, 219.3652

■ 4.4855, 5.0807,
7.0172

213.5030,
229.2918, 267.4197

■ 1.9803, 2.2947,
3.3942

258.5003,

■ 0.6229, 0.7709,

277.2657, 322.0248

1.2993

309.4133,
331.5038, 383.5988

■ 0.0000, 0.0000,
0.0612

■ 0.0000, 0.0000,
0.0000

■ 47.2918, 51.4709,
62.7007

■ 47.2918, 51.4709,
62.7007

■ 41.7740, 46.6409,
62.0600

■ 53.5413, 56.7657,
63.3941

■ 36.9531, 42.2526,
61.4671

■ 60.5464, 62.5345,
64.1384

■ 32.7981, 38.2903,
60.9213

■ 68.3354, 68.7942,
64.9361

■ 29.2739, 34.7350,
60.4208

■ 76.7855, 75.4826,
65.7817

■ 26.3419, 31.5655,
59.9636

■ 78.4163, 78.7442,
66.3253

■ 23.9587, 28.7585,
59.5474

■ 80.1075, 82.1266,
66.8891

■ 22.0750, 26.2874,
59.1697

■ 81.8598, 85.6312,
67.4732

■ 20.6311, 24.1203,
58.8275

■ 83.6737, 89.2590,
68.0778

■ 19.8006, 22.7328,
58.6035

■ 85.5499, 93.0114,
68.7032

Harmonies

Analogous

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



46.4190, 51.4709, 59.2952



47.2918, 51.4709, 62.7007



48.6139, 51.4709, 64.3327

Triad

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



47.2918, 51.4709, 62.7007



51.7363, 51.4709, 56.9305



47.8157, 51.4709, 49.0619

Complementary

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



47.2918, 51.4709, 62.7007



48.7592, 49.3796, 47.5198

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.



49.2304, 51.4709, 48.4980



47.2918, 51.4709, 62.7007



51.5125, 51.4709, 52.9120

Square

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



47.2918, 51.4709, 62.7007



51.1941, 51.4709, 60.8971



50.5883, 51.4709, 49.8742



46.7173, 51.4709, 51.4541

Rectangle

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



47.2918, 51.4709, 62.7007



49.5796, 51.4709, 64.1408



50.5883, 51.4709, 49.8742



48.2693, 51.4709, 48.6573

Sweetspot

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



47.2933, 51.4730, 62.7018



90.4037, 96.1310, 108.3981



47.0932, 54.2988, 52.6903



19.1682, 20.4235, 23.1818



0.0000, 0.0000, 0.0000



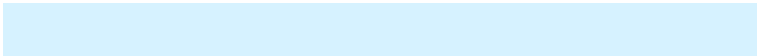
20.3446, 21.4041, 23.3091

Same Dimension

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



47.2933, 51.4730, 62.7018



77.7262, 85.3188, 106.9793



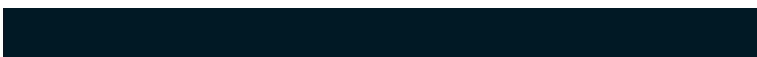
44.5845, 46.0554, 61.7989



10.6608, 11.4957, 13.5745



12.5340, 14.4619, 36.8752



0.6555, 0.8088, 1.7667

Inverse Universe

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



49.0442, 46.9289, 56.9277



81.4319, 75.8923, 94.7160



51.5210, 54.9033, 48.4404



10.9388, 10.7589, 12.6611



18.1259, 8.9999, 16.4047



0.8896, 0.4387, 0.9417

Previews

White Background



This preview shows how the XYZ color 47.2918, 51.4709, 62.7007 looks on a white background.

Color Contrast Check

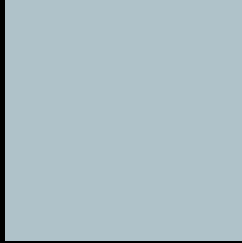
Large Text (above 18pt) WCAG AA × Fail

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 47.2918, 51.4709, 62.7007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

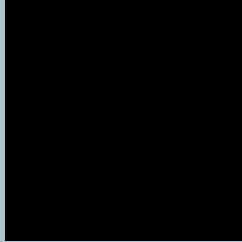
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

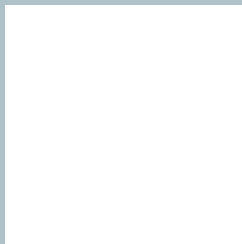
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.2918, 51.4709, 62.7007

Background



This preview shows how black text looks on a background with the XYZ color 47.2918, 51.4709, 62.7007.



This preview shows how white text looks on a background with the XYZ color 47.2918, 51.4709,

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

47.2918, 51.4709, 62.7007

Protanopia

49.8765, 51.5488, 60.7472

Deuteranopia

52.2771, 51.1493, 63.6174



Tritanopia

48.0166, 51.4344, 66.4286

Trichromacy



Original Color

47.2918, 51.4709, 62.7007

Protanomaly

48.7298, 51.2647, 61.3596

Deuteranomaly

50.1692, 51.0114, 63.0791

Tritanomaly

47.7736, 51.3372, 65.1487

Monochromacy



Original Color

47.2918, 51.4709, 62.7007

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

47.8063, 50.8675, 57.7508

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2918, 51.4709, 62.7007 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(175, 193, 201)` looks like.

```
.text, #text, p{  
    color:rgb(175, 193, 201)  
}
```

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(175, 193, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 193, 201) }
```

Border

The CSS property to change the border of an element to XYZ 47.2918, 51.4709, 62.7007 is called "border". The border property can be set on classes, ids or directly on the HTML element.

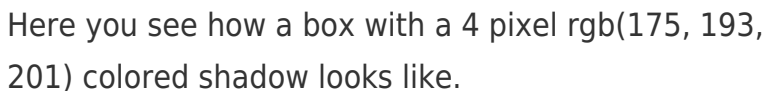
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 193, 201) }
```


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

```
.border{ border-color:rgb(175, 193, 201) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 193, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 193, 201); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 193, 201); box-shadow:4px 4px 4px 4px rgb(175, 193, 201) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2918, 51.4709, 62.7007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 193, 201) }
```

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

```
.background{ background-color: rgb(175,  
193, 201) }
```

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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