

Converting Colors

XYZ(46.5456, 51.4514, 58.2752)

Have a look what the booklet for
XYZ(46.5456, 51.4514, 58.2752)
contains.

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Color

**XYZ(46.7086, 51.5926,
58.5355)**

Conversions

Conversions Part 1

Format	Color
Hex	AFC2C2
RGB	175, 194, 194
RGB Percent	69%, 76%, 76%
CMY	0.3137, 0.2392, 0.2392
CMYK	0.10, 0.00, 0.00, 0.24
HSL	180°, 13%, 72%
HSV	180°, 10%, 76%
XYZ	46.7086, 51.5926, 58.5355
YIQ	188.3190, -11.3240, -4.0280

Conversions

Conversions Part 2

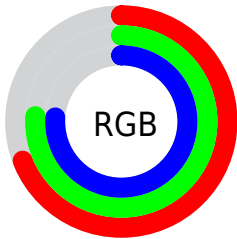
Format	Color
RYB	175, 185, 194
Decimal	11518658
CIELab	77.04, -6.45, -2.22
CIELCh	77, 6.821, 198.954
Yxy	51.5926, 0.2978, 0.3290
Android (android.graphics.Color)	4289708738 (0xFFAFC2C2)
YUV	188.3190, 2.8007, -11.6808
Hunter-Lab	71.8280, -9.6233, 1.9618

Details

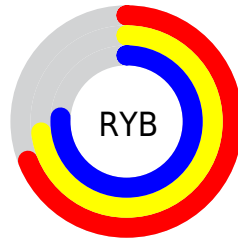
The XYZ color **46.7086, 51.5926, 58.5355** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.3179, 45.2258, 46.9008**, and the grayscale version is **47.9717, 50.4700, 54.9618**.

A 20% lighter version of the original color is **84.3959, 92.2623, 103.8027**, and **22.1377, 24.7872, 28.4286** is the 20% darker color. If you saturate the color by 10%, you get **42.6634, 49.5087, 58.3455**, and if you desaturate by 10%, it is **51.3823, 54.0034, 58.7571**.

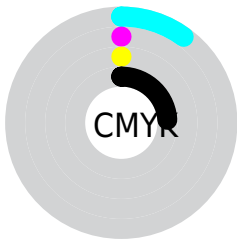
Distribution



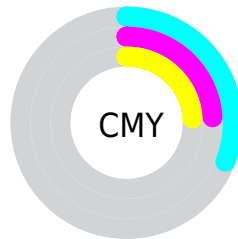
- Red (69%)
- Green (76%)
- Blue (76%)



- Red (69%)
- Yellow (73%)
- Blue (76%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (24%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.7086, 51.5926, 58.5355 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 46.7086, 51.5926, 58.5355 by changing the saturation by 10% instead.

■ 46.7086, 51.5926,
58.5355

■ 46.7086, 51.5926,
58.5355

364.3185,
392.8618, 436.8322

■ 33.0123, 36.6804,
41.8218

■ 84.4999, 92.5301,
104.2247

■ 22.2952, 24.9602,
28.6372

109.3256,
119.3243, 134.0373

■ 14.1918, 16.0474,
18.5633

138.5919,
150.8479, 169.0532

■ 8.3368, 9.5577,
11.1816

172.6640,
187.4854, 209.6911

■ 4.3648, 5.1067,
6.0734

211.9074,
229.6212, 256.3694

■ 1.9105, 2.3100,
2.8203

256.6874,

■ 0.5829, 0.7790,

277.6395, 309.5066

1.0036

307.3693,
331.9249, 369.5214

■ 0.0000, 0.0000,
0.0000

■ 46.7086, 51.5926,
58.5355

■ 46.7086, 51.5926,
58.5355

■ 42.6634, 49.5087,
58.3455

■ 51.3823, 54.0034,
58.7571

■ 39.2158, 47.7314,
58.1823

■ 56.7051, 56.7473,
59.0080

■ 36.3388, 46.2483,
58.0459

■ 62.7021, 59.8388,
59.2904

■ 34.0016, 45.0435,
57.9348

■ 69.3956, 63.2894,
59.6055

■ 32.1706, 44.0996,
57.8473

■ 70.2722, 63.7413,
59.6483

■ 30.8084, 43.3974,
57.7817

■ 70.2726, 63.7414,
59.6501

■ 29.8724, 42.9149,
57.7361

■ 70.2729, 63.7416,
59.6519

■ 29.3122, 42.6261,
57.7081

■ 70.2733, 63.7417,
59.6537

■ 29.0324, 42.4819,
57.6933

■ 70.2736, 63.7418,
59.6555

Harmonies

Analogous

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



46.6222, 51.5926, 54.8138



46.7086, 51.5926, 58.5355



47.4124, 51.5926, 61.7552

Triad

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



46.7086, 51.5926, 58.5355



50.9486, 51.5926, 61.0138



49.5182, 51.5926, 49.4318

Complementary

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



46.7086, 51.5926, 58.5355



45.3179, 45.2258, 46.9008

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.



50.6987, 51.5926, 50.9425



46.7086, 51.5926, 58.5355



51.5342, 51.5926, 57.5597

Square

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



46.7086, 51.5926, 58.5355



49.8545, 51.5926, 63.2292



51.4420, 51.5926, 53.8799



48.2290, 51.5926, 49.6670

Rectangle

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



46.7086, 51.5926, 58.5355



48.1441, 51.5926, 63.1325



51.4420, 51.5926, 53.8799



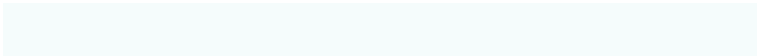
49.9413, 51.5926, 49.7495

Sweetspot

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



46.7101, 51.5948, 58.5366



90.2069, 96.3508, 106.3120



44.7815, 50.8316, 48.0095



19.6003, 21.0204, 23.2740



0.0000, 0.0000, 0.0000



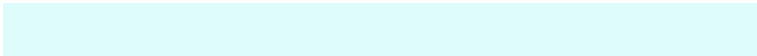
20.3446, 21.4041, 23.3091

Same Dimension

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



46.7101, 51.5948, 58.5366



82.7653, 92.5146, 105.9607



44.7289, 47.6319, 57.8779



10.3685, 11.4285, 12.9439



19.0838, 27.9276, 37.9297



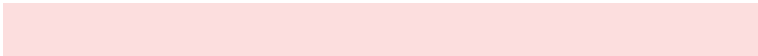
0.8246, 1.2067, 1.6390

Inverse Universe

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



45.3179, 45.2258, 46.9008



79.6772, 78.3876, 80.1511



47.1665, 48.9235, 47.5155



10.0733, 10.0779, 10.4765



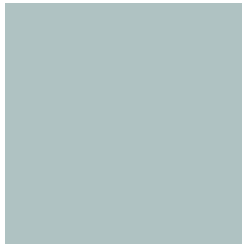
14.6276, 7.5408, 0.6853



0.6320, 0.3258, 0.0297

Previews

White Background



This preview shows how the XYZ color 46.7086, 51.5926, 58.5355 looks on a white background.

Color Contrast Check

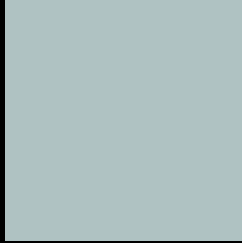
Large Text (above 18pt) WCAG AA × Fail

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 46.7086, 51.5926, 58.5355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

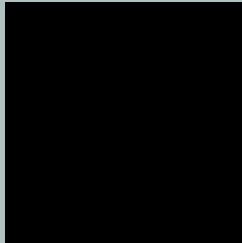
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

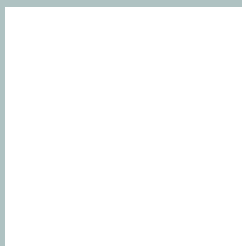
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.7086, 51.5926, 58.5355

Background



This preview shows how black text looks on a background with the XYZ color 46.7086, 51.5926, 58.5355.

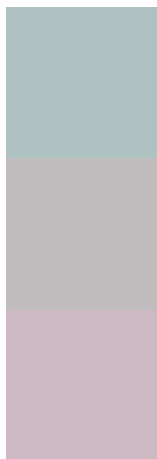


This preview shows how white text looks on a background with the XYZ color 46.7086, 51.5926,

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

46.7086, 51.5926, 58.5355

Protanopia

49.5939, 51.4942, 56.6157

Deuteranopia

52.5579, 51.3883, 59.3734



Tritanopia

48.2436, 51.5514, 66.4392

Trichromacy



Original Color

46.7086, 51.5926, 58.5355

Protanomaly

48.3949, 51.5065, 57.2602

Deuteranomaly

50.3392, 51.5087, 58.9188

Tritanomaly

47.6351, 51.6343, 63.3329

Monochromacy



Original Color

46.7086, 51.5926, 58.5355

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.2362, 50.6119, 55.9947

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.7086, 51.5926, 58.5355 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, 194, 194)` looks like.

```
.text, #text, p{  
    color:rgb(175, 194, 194)  
}
```

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, 194, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 194, 194) }
```

Border

The CSS property to change the border of an element to XYZ 46.7086, 51.5926, 58.5355 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, 194, 194) }
```


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

```
.border{ border-color:rgb(175, 194, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 194, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 194, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 194, 194);  
box-shadow:4px 4px 4px 4px rgb(175, 194,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 46.7086, 51.5926, 58.5355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 194, 194) }
```

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

```
.background{ background-color: rgb(175,  
194, 194) }
```

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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