

Converting Colors

XYZ(49.4868, 52.7780, 65.0896)

Have a look what the booklet for
XYZ(49.4868, 52.7780, 65.0896)
contains.

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Color

**XYZ(49.6026, 52.9364,
65.3610)**

Conversions

Conversions Part 1

Format	Color
Hex	B6C2CD
RGB	182, 194, 205
RGB Percent	71%, 76%, 80%
CMY	0.2863, 0.2392, 0.1961
CMYK	0.11, 0.05, 0.00, 0.20
HSL	209°, 19%, 76%
HSV	209°, 11%, 80%
XYZ	49.6026, 52.9364, 65.3610
YIQ	191.6660, -10.6830, 0.8770

Conversions

Conversions Part 2

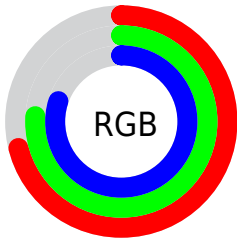
Format	Color
R _Y B	182, 190, 205
Decimal	11977421
CIE Lab	77.84, -1.92, -6.92
CIE LCh	78, 7.185, 254.529
Yxy	52.9364, 0.2954, 0.3153
Android (android.graphics.Color)	4290167501 (0xFFB6C2CD)
YUV	191.6660, 6.5737, -8.4771
Hunter-Lab	72.7574, -5.6325, -2.3325

Details

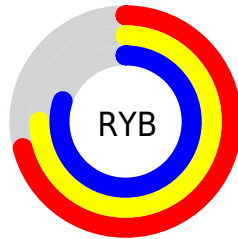
The XYZ color **49.6026, 52.9364, 65.3610** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.6905, 54.4961, 51.9986**, and the grayscale version is **49.8768, 52.4743, 57.1445**.

A 20% lighter version of the original color is **87.4955, 93.7684, 108.0953**, and **24.0173, 25.6577, 32.9647** is the 20% darker color. If you saturate the color by 10%, you get **43.0014, 46.4023, 64.4485**, and if you desaturate by 10%, it is **57.0596, 60.1282, 66.3570**.

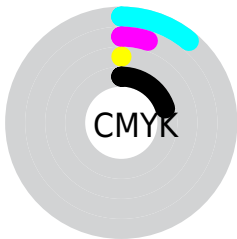
Distribution



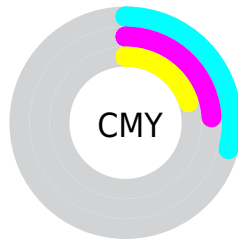
- Red (71%)
- Green (76%)
- Blue (80%)



- Red (71%)
- Yellow (75%)
- Blue (80%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)
- Black (20%)



- Cyan (29%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.6026, 52.9364, 65.3610 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 49.6026, 52.9364, 65.3610 by changing the saturation by 10% instead.

■ 49.6026, 52.9364,
65.3610

■ 49.6026, 52.9364,
65.3610

375.5876,
398.0411, 462.4298

■ 35.3142, 37.7520,
47.3007

■ 88.7811, 94.5108,
114.1869

■ 24.0727, 25.7903,
32.9174

114.4020,
121.6695, 145.7896

■ 15.5126, 16.6668,
21.7925

144.5312,
153.5885, 182.7435

■ 9.2686, 9.9972,
13.5077

179.5339,
190.6522, 225.4671

■ 4.9753, 5.3971,
7.6442

219.7755,
233.2449, 274.3790

■ 2.2674, 2.4821,
3.7837

265.6214,

■ 0.7779, 0.8677,

281.7510, 329.8977

1.5074

317.4370,
336.5549, 392.4418

■ 0.0000, 0.0000,
0.2235

■ 0.0000, 0.0000,
0.0000

■ 49.6026, 52.9364,
65.3610

■ 49.6026, 52.9364,
65.3610

■ 43.0014, 46.4023,
64.4485

■ 57.0596, 60.1282,
66.3570

■ 37.2179, 40.4978,
63.6137

■ 65.3991, 67.9911,
67.4351

■ 32.2179, 35.2025,
62.8551

■ 74.6526, 76.5467,
68.5988

■ 27.9628, 30.4923,
62.1702

■ 81.4585, 84.0657,
69.6914

■ 24.4105, 26.3409,
61.5561

■ 84.3143, 89.7773,
70.6433

■ 21.5142, 22.7195,
61.0098

■ 87.3267, 95.8021,
71.6475

■ 19.2207, 19.5959,
60.5278

■ 88.0196, 97.1878,
71.8784

■ 17.4672, 16.9327,
60.1061

■ 16.2754, 14.9195,
59.7804

Harmonies

Analogous

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



48.4270, 52.9364, 63.1934



49.6026, 52.9364, 65.3610



50.9901, 52.9364, 65.3965

Triad

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



49.6026, 52.9364, 65.3610



52.9550, 52.9364, 55.7336



48.4574, 52.9364, 52.3358

Complementary

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



49.6026, 52.9364, 65.3610



52.6905, 54.4961, 51.9986

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.



49.6448, 52.9364, 50.5201



49.6026, 52.9364, 65.3610



52.2503, 52.9364, 52.4195

Square

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



49.6026, 52.9364, 65.3610



52.9432, 52.9364, 59.7115



51.0331, 52.9364, 50.5500



47.7742, 52.9364, 55.6145

Rectangle

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



49.6026, 52.9364, 65.3610



51.8497, 52.9364, 64.1994



51.0331, 52.9364, 50.5500



48.8098, 52.9364, 51.5410

Sweetspot

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



49.6041, 52.9386, 65.3622



91.1355, 96.2662, 108.3856



50.7195, 57.4470, 58.7123



19.2876, 20.3950, 23.1700



0.0000, 0.0000, 0.0000



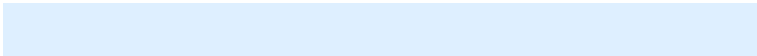
20.3446, 21.4041, 23.3091

Same Dimension

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



49.6041, 52.9386, 65.3622



79.0386, 84.5466, 106.7611



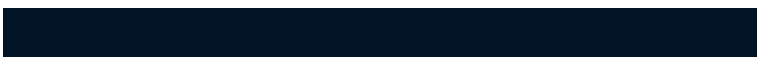
47.1972, 48.1246, 64.5598



11.0780, 11.7965, 14.2634



10.2277, 9.4795, 37.2469



0.6034, 0.6405, 1.9468

Inverse Universe

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



51.6436, 50.3311, 58.0344



82.9236, 79.6638, 92.7835



55.2695, 59.6541, 52.8583



11.4527, 11.3098, 12.9187



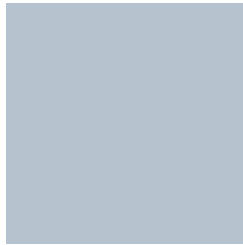
17.3734, 8.7599, 9.6849



0.9345, 0.4672, 0.7009

Previews

White Background



This preview shows how the XYZ color 49.6026, 52.9364, 65.3610 looks on a white background.

Color Contrast Check

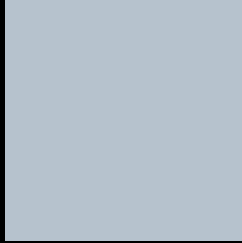
Large Text (above 18pt) WCAG AA × Fail

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 49.6026, 52.9364, 65.3610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

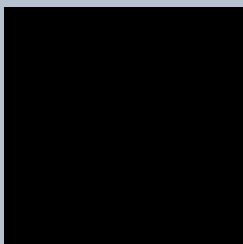
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

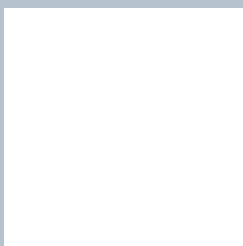
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.6026, 52.9364, 65.3610

Background



This preview shows how black text looks on a background with the XYZ color 49.6026, 52.9364, 65.3610.

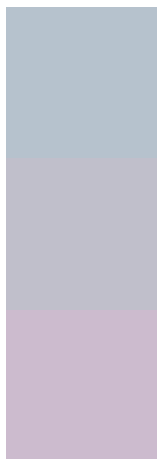


This preview shows how white text looks on a background with the XYZ color 49.6026, 52.9364,

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

49.6026, 52.9364, 65.3610

Protanopia

51.1485, 52.7799, 63.9916

Deuteranopia

53.8127, 52.8342, 65.7543



Tritanopia

50.1070, 52.8107, 67.8742

Trichromacy



Original Color

49.6026, 52.9364, 65.3610

Protanomaly

50.4878, 52.7503, 64.6476

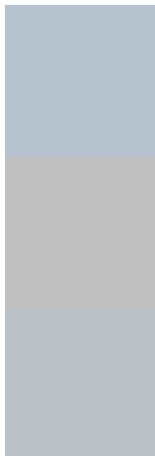
Deuteranomaly

52.3190, 53.0189, 65.8687

Tritanomaly

49.9836, 52.7613, 67.2240

Monochromacy



Original Color

49.6026, 52.9364, 65.3610

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.8870, 52.8625, 60.3975

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.6026, 52.9364, 65.3610 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(182, 194, 205)` looks like.

```
.text, #text, p{  
    color:rgb(182, 194, 205)  
}
```

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(182, 194, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 194, 205) }
```

Border

The CSS property to change the border of an element to XYZ 49.6026, 52.9364, 65.3610 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(182, 194, 205) }
```


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

```
.border{ border-color:rgb(182, 194, 205) }
```

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

Here you see how a box with a 4 pixel rgb(182, 194, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 194, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 194, 205);  
box-shadow:4px 4px 4px 4px rgb(182, 194,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 49.6026, 52.9364, 65.3610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 194, 205) }
```

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

```
.background{ background-color: rgb(182,  
194, 205) }
```

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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