

Converting Colors

XYZ(49.1775, 52.1648, 65.2554)

Have a look what the booklet for
XYZ(49.1775, 52.1648, 65.2554)
contains.

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Color

**XYZ(49.1605, 52.0521,
65.2136)**

Conversions

Conversions Part 1

Format	Color
Hex	B6C0CD
RGB	182, 192, 205
RGB Percent	71%, 75%, 80%
CMY	0.2863, 0.2470, 0.1961
CMYK	0.11, 0.06, 0.00, 0.20
HSL	214°, 19%, 76%
HSV	214°, 11%, 80%
XYZ	49.1605, 52.0521, 65.2136
YIQ	190.4920, -10.1330, 1.9230

Conversions

Conversions Part 2

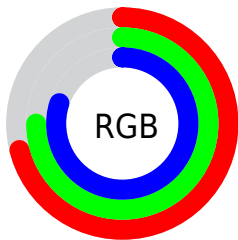
Format	Color
R _Y B	182, 189, 205
Decimal	11976909
CIE Lab	77.31, -0.85, -7.70
CIE LCh	77, 7.751, 263.695
Yxy	52.0521, 0.2954, 0.3128
Android (android.graphics.Color)	4290166989 (0xFFB6C0CD)
YUV	190.4920, 7.1524, -7.4475
Hunter-Lab	72.1471, -4.6290, -3.0891

Details

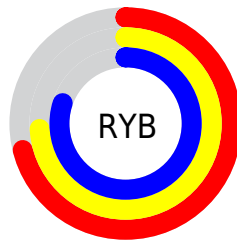
The XYZ color **49.1605, 52.0521, 65.2136** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.1358, 55.3866, 52.1472**, and the grayscale version is **49.1927, 51.7546, 56.3607**.

A 20% lighter version of the original color is **86.8773, 92.5319, 107.8893**, and **23.8718, 25.3667, 32.9162** is the 20% darker color. If you saturate the color by 10%, you get **42.2249, 44.8493, 64.1897**, and if you desaturate by 10%, it is **57.0081, 60.0251, 66.3398**.

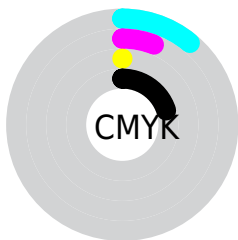
Distribution



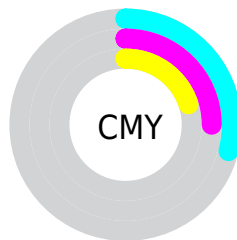
- Red (71%)
- Green (75%)
- Blue (80%)



- Red (71%)
- Yellow (74%)
- Blue (80%)



- Cyan (11%)
- Magenta (6%)
- Yellow (0%)
- Black (20%)



- Cyan (29%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.1605, 52.0521, 65.2136 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 49.1605, 52.0521, 65.2136 by changing the saturation by 10% instead.

■ 49.1605, 52.0521,
65.2136

■ 49.1605, 52.0521,
65.2136

373.8803,
394.6377, 461.8864

■ 34.9619, 37.0466,
47.1819

■ 88.1291, 93.2081,
113.9731

■ 23.7999, 25.2436,
32.8241

113.6297,
120.1273, 145.5380

■ 15.3092, 16.2586,
21.7217

143.6284,
151.7866, 182.4509

■ 9.1244, 9.7073,
13.4562

178.4906,
188.5704, 225.1305

■ 4.8802, 5.2054,
7.6090

218.5815,
230.8630, 273.9953

■ 2.2112, 2.3682,
3.7616

264.2665,

■ 0.7486, 0.8095,

279.0488, 329.4639

1.4955

315.9110,
333.5122, 391.9547

■ 0.0000, 0.0000,
0.2146

■ 0.0000, 0.0000,
0.0000

■ 49.1605, 52.0521,
65.2136

■ 49.1605, 52.0521,
65.2136

■ 42.2249, 44.8493,
64.1897

■ 57.0081, 60.0251,
66.3398

■ 36.1616, 38.3852,
63.2615

■ 65.7964, 68.7856,
67.5675

■ 30.9344, 32.6354,
62.4272

■ 75.5585, 78.3582,
68.9007

■ 26.5026, 27.5719,
61.6835

■ 82.9342, 87.0170,
70.1833

■ 22.8221, 23.1641,
61.0267

■ 86.4229, 93.9944,
71.3461

■ 19.8438, 19.3787,
60.4530

■ 88.0196, 97.1878,
71.8784

■ 17.5122, 16.1789,
59.9582

■ 15.7618, 13.5220,
59.5377

■ 14.6048, 11.5782,
59.2234

Harmonies

Analogous

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



47.7998, 52.0521, 63.5365



49.1605, 52.0521, 65.2136



50.6323, 52.0521, 64.5123

Triad

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



49.1605, 52.0521, 65.2136



52.1395, 52.0521, 53.4475



47.2047, 52.0521, 51.9630

Complementary

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



49.1605, 52.0521, 65.2136



53.1358, 55.3866, 52.1472

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.



48.3335, 52.0521, 49.5012



49.1605, 52.0521, 65.2136



51.1868, 52.0521, 50.3278

Square

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



49.1605, 52.0521, 65.2136



52.3716, 52.0521, 57.5803



49.7887, 52.0521, 48.9179



46.6852, 52.0521, 55.7810

Rectangle

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



49.1605, 52.0521, 65.2136



51.4762, 52.0521, 62.8071



49.7887, 52.0521, 48.9179



47.5243, 52.0521, 50.9573

Sweetspot

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



49.1620, 52.0543, 65.2148



90.9277, 95.8505, 108.3163



50.9345, 57.5330, 59.8439



19.2316, 20.2829, 23.1513



0.0000, 0.0000, 0.0000



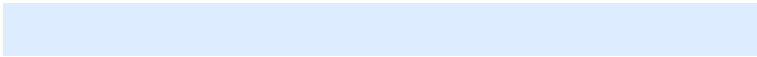
20.3446, 21.4041, 23.3091

Same Dimension

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



49.1620, 52.0543, 65.2148



78.2006, 82.8705, 106.4817



47.3126, 47.9505, 64.5201



10.9964, 11.6332, 14.2362



9.1828, 7.3895, 36.8986



0.5487, 0.5312, 1.9286

Inverse Universe

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



51.4204, 50.2420, 56.8591



82.5006, 79.4945, 90.5559



55.1364, 59.8571, 52.9046



11.4115, 11.2933, 12.7017



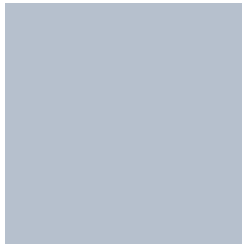
16.8459, 8.5490, 6.9074



0.9069, 0.4562, 0.5557

Previews

White Background



This preview shows how the XYZ color 49.1605, 52.0521, 65.2136 looks on a white background.

Color Contrast Check

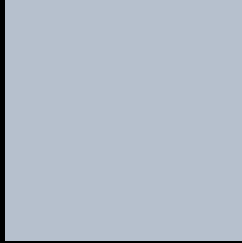
Large Text (above 18pt) WCAG AA × Fail

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 49.1605, 52.0521, 65.2136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

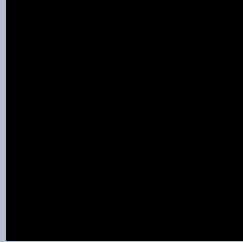
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.1605, 52.0521, 65.2136

Background



This preview shows how black text looks on a background with the XYZ color 49.1605, 52.0521, 65.2136.

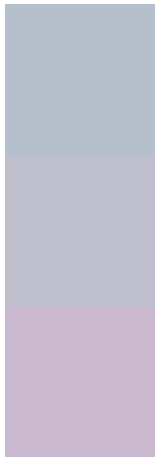


This preview shows how white text looks on a background with the XYZ color 49.1605, 52.0521,

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

49.1605, 52.0521, 65.2136

Protanopia

50.5477, 52.1337, 64.5254

Deuteranopia

52.8467, 51.7107, 65.5884



Tritanopia

49.4035, 52.1494, 66.4935

Trichromacy



Original Color

49.1605, 52.0521, 65.2136

Protanomaly

50.0234, 52.1860, 64.5631

Deuteranomaly

51.6295, 52.0248, 65.7131

Tritanomaly

49.2816, 52.1006, 65.8515

Monochromacy



Original Color

49.1605, 52.0521, 65.2136

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

48.9746, 51.7665, 59.0405

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.1605, 52.0521, 65.2136 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, 192, 205)` looks like.

```
.text, #text, p{  
    color:rgb(182, 192, 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, 192, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 192, 205) }
```

Border

The CSS property to change the border of an element to XYZ 49.1605, 52.0521, 65.2136 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, 192, 205) }
```


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

```
.border{ border-color:rgb(182, 192, 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, 192, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 192, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 192, 205);  
box-shadow:4px 4px 4px 4px rgb(182, 192,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 49.1605, 52.0521, 65.2136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 192, 205) }
```

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

```
.background{ background-color: rgb(182,  
192, 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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