

Converting Colors

XYZ(49.6467, 53.3713, 64.8118)

Have a look what the booklet for
XYZ(49.6467, 53.3713, 64.8118)
contains.

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Color

**XYZ(49.7056, 53.3349,
64.8016)**

Conversions

Conversions Part 1

Format	Color
Hex	B6C3CC
RGB	182, 195, 204
RGB Percent	71%, 76%, 80%
CMY	0.2863, 0.2353, 0.2000
CMYK	0.11, 0.04, 0.00, 0.20
HSL	205°, 18%, 76%
HSV	205°, 11%, 80%
XYZ	49.7056, 53.3349, 64.8016
YIQ	192.1390, -10.6370, 0.0430

Conversions

Conversions Part 2

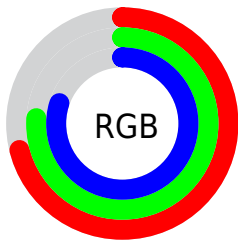
Format	Color
R_{YB}	182, 190, 204
Decimal	11977676
CIE Lab	78.07, -2.65, -6.04
CIE LCh	78, 6.593, 246.296
Yxy	53.3349, 0.2961, 0.3178
Android (android.graphics.Color)	4290167756 (0xFFB6C3CC)
YUV	192.1390, 5.8475, -8.8919
Hunter-Lab	73.0307, -6.3146, -1.4876

Details

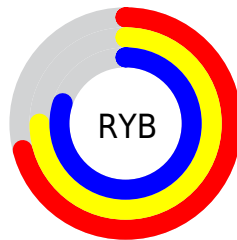
The XYZ color **49.7056, 53.3349, 64.8016** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.9764, 53.4762, 51.8395**, and the grayscale version is **50.1567, 52.7688, 57.4652**.

A 20% lighter version of the original color is **88.1203, 95.0180, 108.3036**, and **24.0832, 25.9189, 32.5877** is the 20% darker color. If you saturate the color by 10%, you get **43.4173, 47.3965, 63.9876**, and if you desaturate by 10%, it is **56.8033, 59.8485, 65.6856**.

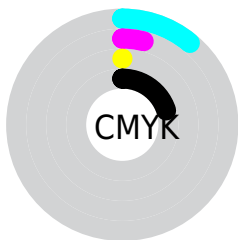
Distribution



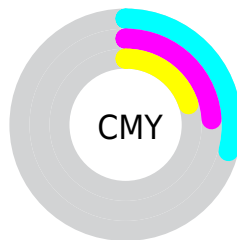
- Red (71%)
- Green (76%)
- Blue (80%)



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



- Cyan (11%)
- Magenta (4%)
- Yellow (0%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.7056, 53.3349, 64.8016 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 49.7056, 53.3349, 64.8016 by changing the saturation by 10% instead.

■ 49.7056, 53.3349,
64.8016

■ 49.7056, 53.3349,
64.8016

375.9846,
399.5687, 460.3653

■ 35.3964, 38.0702,
46.8499

■ 88.9330, 95.0970,
113.3751

■ 24.1363, 26.0372,
32.5635

114.5818,
122.3632, 144.8340

■ 15.5600, 16.8514,
21.5239

144.7412,
154.3986, 181.6324

■ 9.3022, 10.1286,
13.3125

179.7766,
191.5877, 224.1888

■ 4.9975, 5.4843,
7.5109

220.0533,
234.3149, 272.9217

■ 2.2806, 2.5341,
3.7003

265.9366,

■ 0.7847, 0.8937,

282.9645, 328.2498

1.4624

317.7919,
337.9210, 390.5915

■ 0.0000, 0.0000,
0.1897

■ 0.0000, 0.0000,
0.0000

■ 49.7056, 53.3349,
64.8016

■ 49.7056, 53.3349,
64.8016

■ 43.4173, 47.3965,
63.9876

■ 56.8033, 59.8485,
65.6856

■ 37.9019, 42.0077,
63.2382

■ 64.7359, 66.9485,
66.6379

■ 33.1267, 37.1505,
62.5523

■ 73.5332, 74.6542,
67.6616

■ 29.0549, 32.8033,
61.9278

■ 79.9862, 81.3137,
68.6069

■ 25.6463, 28.9425,
61.3623

■ 82.3422, 86.0256,
69.3922

■ 22.8559, 25.5424,
60.8531

■ 84.8104, 90.9621,
70.2150

■ 20.6330, 22.5737,
60.3972

■ 87.3925, 96.1263,
71.0757

■ 18.9171, 20.0025,
59.9914

■ 87.8992, 97.1397,
71.2446

■ 17.6846, 17.9305,
59.6564

Harmonies

Analogous

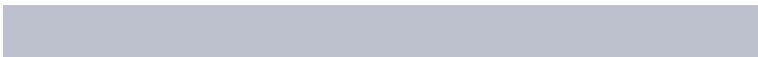
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



48.7262, 53.3349, 62.3666



49.7056, 53.3349, 64.8016



50.9649, 53.3349, 65.4003

Triad

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



49.7056, 53.3349, 64.8016



53.1911, 53.3349, 57.2994



49.2434, 53.3349, 52.5497

Complementary

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



49.7056, 53.3349, 64.8016



51.9764, 53.4762, 51.8395

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.



50.4225, 53.3349, 51.3139



49.7056, 53.3349, 64.8016



52.7125, 53.3349, 53.9804

Square

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



49.7056, 53.3349, 64.8016



52.9913, 53.3349, 60.9665



51.6938, 53.3349, 51.8264



48.4625, 53.3349, 55.2719

Rectangle

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



49.7056, 53.3349, 64.8016



51.7966, 53.3349, 64.6560



51.6938, 53.3349, 51.8264



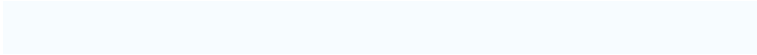
49.6056, 53.3349, 51.9520

Sweetspot

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



49.7072, 53.3371, 64.8028



91.3014, 96.5979, 108.4409



50.2672, 56.8845, 57.5063



19.3324, 20.4846, 23.1849



0.0000, 0.0000, 0.0000



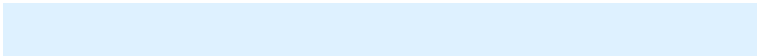
20.3446, 21.4041, 23.3091

Same Dimension

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



49.7072, 53.3371, 64.8028



79.7148, 85.8990, 106.9865



47.3735, 48.6699, 64.0249



11.1436, 11.9276, 14.2853



11.2243, 11.4726, 37.5791



0.6525, 0.7389, 1.9632

Inverse Universe

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



51.4813, 50.2346, 58.6152



83.2649, 79.8003, 94.5807



54.4198, 58.3629, 52.6539



11.4858, 11.3231, 13.0931



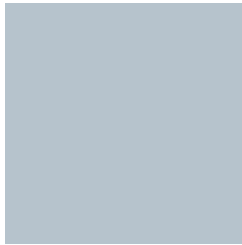
17.8764, 8.9612, 12.3338



0.9593, 0.4771, 0.8316

Previews

White Background



This preview shows how the XYZ color 49.7056, 53.3349, 64.8016 looks on a white background.

Color Contrast Check

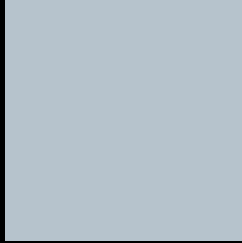
Large Text (above 18pt) WCAG AA × Fail

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 49.7056, 53.3349, 64.8016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

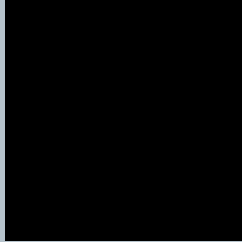
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

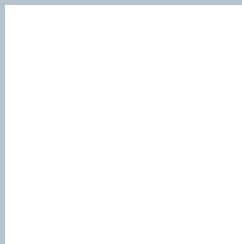
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.7056, 53.3349, 64.8016

Background



This preview shows how black text looks on a background with the XYZ color 49.7056, 53.3349, 64.8016.



This preview shows how white text looks on a background with the XYZ color 49.7056, 53.3349,

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

49.7056, 53.3349, 64.8016

Protanopia

51.7584, 53.4329, 63.4627

Deuteranopia

54.3645, 53.1187, 65.7801



Tritanopia

50.4531, 53.3040, 68.6023

Trichromacy



Original Color

49.7056, 53.3349, 64.8016

Protanomaly

51.0847, 53.3989, 64.1145

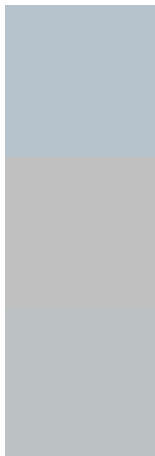
Deuteranomaly

52.4589, 53.1050, 65.2430

Tritanomaly

50.2054, 53.2049, 67.2980

Monochromacy



Original Color

49.7056, 53.3349, 64.8016

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.7728, 52.8168, 59.7959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.7056, 53.3349, 64.8016 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, 195, 204)` looks like.

```
.text, #text, p{  
    color:rgb(182, 195, 204)  
}
```

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, 195, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 195, 204) }
```

Border

The CSS property to change the border of an element to XYZ 49.7056, 53.3349, 64.8016 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, 195, 204) }
```


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

```
.border{ border-color:rgb(182, 195, 204) }
```

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

Here you see how a box with a 4 pixel rgb(182, 195, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 195, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 195, 204);  
box-shadow:4px 4px 4px 4px rgb(182, 195,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 49.7056, 53.3349, 64.8016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 195, 204) }
```

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

```
.background{ background-color: rgb(182,  
195, 204) }
```

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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