

Converting Colors

XYZ(50.6565, 53.6615, 74.9129)

Have a look what the booklet for
XYZ(50.6565, 53.6615, 74.9129)
contains.

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Color

**XYZ(50.6614, 53.6097,
74.6954)**

Conversions

Conversions Part 1

Format	Color
Hex	B2C3DB
RGB	178, 195, 219
RGB Percent	70%, 76%, 86%
CMY	0.3020, 0.2353, 0.1412
CMYK	0.19, 0.11, 0.00, 0.14
HSL	215°, 36%, 78%
HSV	215°, 19%, 86%
XYZ	50.6614, 53.6097, 74.6954
YIQ	192.6530, -17.8360, 3.8600

Conversions

Conversions Part 2

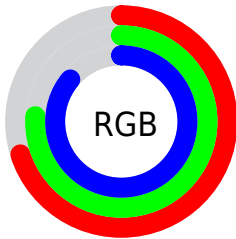
Format	Color
R_{YB}	178, 190, 219
Decimal	11715547
CIE _{Lab}	78.23, -0.78, -13.92
CIE _{LCh}	78, 13.940, 266.792
Yxy	53.6097, 0.2831, 0.2996
Android (android.graphics.Color)	4289905627 (0xFFB2C3DB)
YUV	192.6530, 12.9891, -12.8507
Hunter-Lab	73.2186, -4.6250, -9.2328

Details

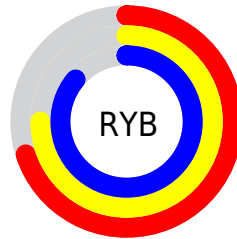
The XYZ color **50.6614, 53.6097, 74.6954** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.3703, 60.5154, 50.7249**, and the grayscale version is **50.4200, 53.0457, 57.7668**.

A 20% lighter version of the original color is **86.7921, 94.3332, 108.2414**, and **24.6832, 26.0901, 38.8569** is the 20% darker color. If you saturate the color by 10%, you get **43.2825, 45.7248, 73.5632**, and if you desaturate by 10%, it is **59.0923, 62.4057, 75.9497**.

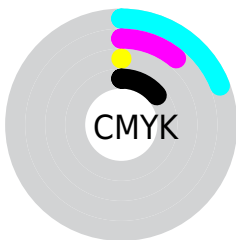
Distribution



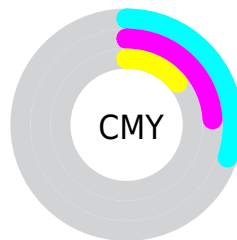
- Red (70%)
- Green (76%)
- Blue (86%)



- Red (70%)
- Yellow (75%)
- Blue (86%)



- Cyan (19%)
- Magenta (11%)
- Yellow (0%)
- Black (14%)



- Cyan (30%)
- Magenta (24%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.6614, 53.6097, 74.6954 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 50.6614, 53.6097, 74.6954 by changing the saturation by 10% instead.

■ 50.6614, 53.6097,
74.6954

■ 50.6614, 53.6097,
74.6954

379.6562,
400.6199, 496.0974

■ 36.1592, 38.2897,
54.8632

■ 90.3400, 95.5009,
127.6242

■ 24.7278, 26.2076,
38.8943

116.2471,
122.8410, 161.5579

■ 16.0020, 16.9790,
26.3703

146.6866,
154.9565, 201.0291

■ 9.6164, 10.2195,
16.8726

182.0237,
192.2319, 246.4564

■ 5.2057, 5.5448,
9.9827

222.6239,
235.0515, 298.2584

■ 2.4045, 2.5703,
5.2821

268.8524,

■ 0.8473, 0.9118,

283.7998, 356.8535

2.3521

321.0748,
338.8611, 422.6603

■ 0.0000, 0.0000,
0.7602

■ 0.0000, 0.0000,
0.0000

■ 50.6614, 53.6097,
74.6954

■ 50.6614, 53.6097,
74.6954

■ 43.2825, 45.7248,
73.5632

■ 59.0923, 62.4057,
75.9497

■ 36.9066, 38.7124,
72.5458

■ 68.6118, 72.1364,
77.3262

■ 31.4878, 32.5408,
71.6401

■ 79.2605, 82.8326,
78.8295

■ 26.9746, 27.1735,
70.8420

■ 87.0666, 92.4550,
80.2754

■ 23.3100, 22.5708,
70.1467

■ 89.7863, 97.8945,
81.1820

■ 20.4299, 18.6886,
69.5492

■ 18.2597, 15.4769,
69.0437

■ 16.6883, 12.8665,
68.6226

■ 16.5119, 12.5657,
68.5738

Harmonies

Analogous

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



48.1348, 53.6097, 71.8674



50.6614, 53.6097, 74.6954



53.3560, 53.6097, 72.8376

Triad

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



50.6614, 53.6097, 74.6954



55.7825, 53.6097, 51.8577



46.6897, 53.6097, 50.5235

Complementary

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



50.6614, 53.6097, 74.6954



58.3703, 60.5154, 50.7249

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.



48.6260, 53.6097, 45.9606



50.6614, 53.6097, 74.6954



53.8821, 53.6097, 46.6813

Square

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



50.6614, 53.6097, 74.6954



56.3741, 53.6097, 59.2167



51.2486, 53.6097, 44.6186



45.8937, 53.6097, 57.5351

Rectangle

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



50.6614, 53.6097, 74.6954



54.8748, 53.6097, 69.2750



51.2486, 53.6097, 44.6186



47.2253, 53.6097, 48.6773

Sweetspot

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



50.6630, 53.6119, 74.6966



86.8528, 91.6316, 107.7168



54.3435, 64.3893, 65.3906



18.4065, 19.4243, 23.0291



0.0000, 0.0000, 0.0000



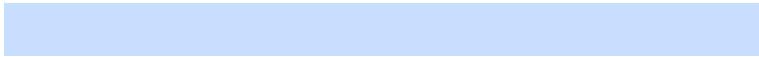
20.3446, 21.4041, 23.3091

Same Dimension

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



50.6630, 53.6119, 74.6966



67.7416, 71.6783, 104.8727



47.8616, 46.8307, 73.5354



12.7801, 13.4999, 16.5843



9.8930, 7.6554, 40.6946



0.7246, 0.6634, 2.6643

Inverse Universe

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



54.9854, 50.8423, 58.5478



74.8473, 67.3436, 78.2765



61.5643, 68.4139, 52.0811



13.2788, 13.1406, 14.7297



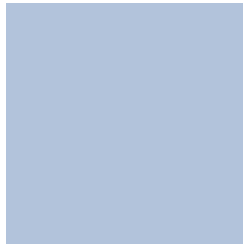
18.4889, 9.3966, 6.9544



1.2401, 0.6257, 0.6730

Previews

White Background



This preview shows how the XYZ color 50.6614, 53.6097, 74.6954 looks on a white background.

Color Contrast Check

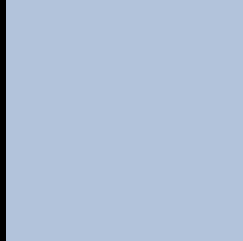
Large Text (above 18pt) WCAG AA × Fail

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 50.6614, 53.6097, 74.6954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

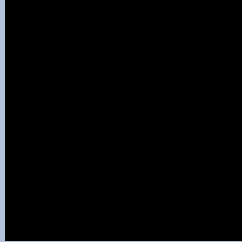
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

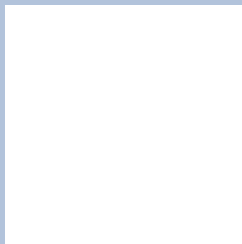
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.6614, 53.6097, 74.6954

Background



This preview shows how black text looks on a background with the XYZ color 50.6614, 53.6097, 74.6954.



This preview shows how white text looks on a background with the XYZ color 50.6614, 53.6097,

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

50.6614, 53.6097, 74.6954

Protanopia

52.6092, 53.6562, 73.2295

Deuteranopia

54.4547, 53.2759, 75.1233



Tritanopia

49.7551, 53.5804, 70.0070

Trichromacy



Original Color

50.6614, 53.6097, 74.6954

Protanomaly

51.9746, 53.6410, 73.9441

Deuteranomaly

53.0349, 53.5053, 75.2425

Tritanomaly

50.1371, 53.7333, 72.0190

Monochromacy



Original Color

50.6614, 53.6097, 74.6954

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.6915, 53.5392, 63.5395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6614, 53.6097, 74.6954 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(178, 195, 219)` looks like.

```
.text, #text, p{  
    color:rgb(178, 195, 219)  
}
```

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(178, 195, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 195, 219) }
```

Border

The CSS property to change the border of an element to XYZ 50.6614, 53.6097, 74.6954 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(178, 195, 219) }
```


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

```
.border{ border-color:rgb(178, 195, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 195, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 195, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 195, 219);  
box-shadow:4px 4px 4px 4px rgb(178, 195,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6614, 53.6097, 74.6954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 195, 219) }
```

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

```
.background{ background-color: rgb(178,  
195, 219) }
```

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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