

Converting Colors

XYZ(48.5959, 54.7138, 71.7525)

Have a look what the booklet for
XYZ(48.5959, 54.7138, 71.7525)
contains.

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Color

**XYZ(48.5413, 54.6277,
71.6041)**

Conversions

Conversions Part 1

Format	Color
Hex	A5C9D6
RGB	165, 201, 214
RGB Percent	65%, 79%, 84%
CMY	0.3529, 0.2117, 0.1608
CMYK	0.23, 0.06, 0.00, 0.16
HSL	196°, 37%, 74%
HSV	196°, 23%, 84%
XYZ	48.5413, 54.6277, 71.6041
YIQ	191.7180, -25.6290, -3.5890

Conversions

Conversions Part 2

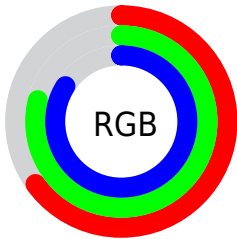
Format	Color
RYB	165, 186, 214
Decimal	10865110
CIELab	78.83, -9.07, -10.43
CIElCh	79, 13.822, 228.984
Yxy	54.6277, 0.2777, 0.3126
Android (android.graphics.Color)	4289055190 (0xFFA5C9D6)
YUV	191.7180, 10.9850, -23.4317
Hunter-Lab	73.9106, -12.1123, -5.7024

Details

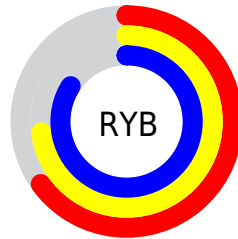
The XYZ color **48.5413, 54.6277, 71.6041** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.4440, 48.8537, 42.3695**, and the grayscale version is **49.8885, 52.4866, 57.1579**.

A 20% lighter version of the original color is **83.6288, 94.1122, 108.3655**, and **23.3738, 26.8154, 36.7448** is the 20% darker color. If you saturate the color by 10%, you get **43.1586, 49.9259, 70.9812**, and if you desaturate by 10%, it is **54.7209, 59.8157, 72.2807**.

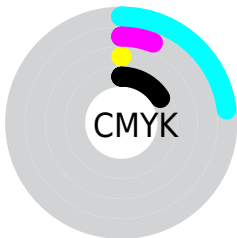
Distribution



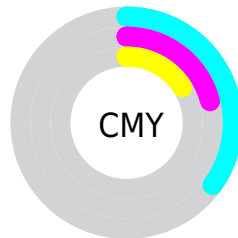
- Red (65%)
- Green (79%)
- Blue (84%)



- Red (65%)
- Yellow (73%)
- Blue (84%)



- Cyan (23%)
- Magenta (6%)
- Yellow (0%)
- Black (16%)



- Cyan (35%)
- Magenta (21%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.5413, 54.6277, 71.6041 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 48.5413, 54.6277, 71.6041 by changing the saturation by 10% instead.

■ 48.5413, 54.6277,
71.6041

■ 48.5413, 54.6277,
71.6041

371.4807,
404.4991, 485.1029

■ 34.4688, 39.1037,
52.3505

■ 87.2146, 96.9953,
123.1960

■ 23.4186, 26.8404,
36.9003

■ 112.5462,
124.6076, 156.3713

■ 15.0253, 17.4534,
24.8352

142.3614,
157.0183, 195.0243

■ 8.9235, 10.5583,
15.7364

177.0257,
194.6116, 239.5735

■ 4.7481, 5.7707,
9.1855

216.9044,
237.7719, 290.4374

■ 2.1334, 2.7061,
4.7639

262.3629,

■ 0.7073, 0.9803,

286.8837, 348.0346

2.0531

313.7666,
342.3313, 412.7835

■ 0.0000, 0.0000,
0.5876

■ 0.0000, 0.0000,
0.0000

■ 48.5413, 54.6277,
71.6041

■ 48.5413, 54.6277,
71.6041

■ 43.1586, 49.9259,
70.9812

■ 54.7209, 59.8157,
72.2807

■ 38.5305, 45.6834,
70.4062

■ 61.7276, 65.5021,
73.0090

■ 34.6177, 41.8809,
69.8785

■ 69.5957, 71.7067,
73.7919

■ 31.3756, 38.4943,
69.3957

■ 78.3563, 78.4462,
74.6310

■ 28.7539, 35.4970,
68.9553

■ 81.5041, 82.3679,
75.2221

■ 26.6952, 32.8585,
68.5545

■ 83.1041, 85.5678,
75.7554

■ 25.1300, 30.5422,
68.1899

■ 84.7560, 88.8715,
76.3060

■ 24.2348, 29.0492,
67.9489

■ 86.4602, 92.2799,
76.8741

■ 88.2172, 95.7940,
77.4597

Harmonies

Analogous

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



47.0987, 54.6277, 64.5238



48.5413, 54.6277, 71.6041



50.9220, 54.6277, 75.5505

Triad

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



48.5413, 54.6277, 71.6041



57.2658, 54.6277, 62.4097



50.2273, 54.6277, 46.3253

Complementary

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



48.5413, 54.6277, 71.6041



50.4440, 48.8537, 42.3695

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.



52.9350, 54.6277, 45.8676



48.5413, 54.6277, 71.6041



57.0639, 54.6277, 54.7067

Square

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



48.5413, 54.6277, 71.6041



55.9986, 54.6277, 69.9398



55.4561, 54.6277, 48.8086



48.0482, 54.6277, 50.1193

Rectangle

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



48.5413, 54.6277, 71.6041



52.7489, 54.6277, 75.6595



55.4561, 54.6277, 48.8086



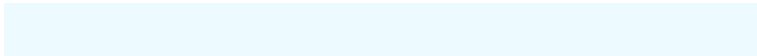
51.1038, 54.6277, 45.7895

Sweetspot

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



48.5429, 54.6299, 71.6053



87.2932, 93.7865, 108.1095



47.5254, 59.2778, 50.6638



18.5476, 19.9633, 23.1257



0.0000, 0.0000, 0.0000



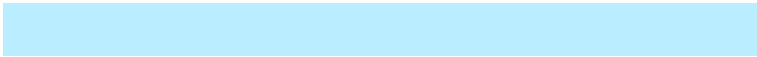
20.3446, 21.4041, 23.3091

Same Dimension

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



48.5429, 54.6299, 71.6053



68.5443, 78.0942, 106.0688



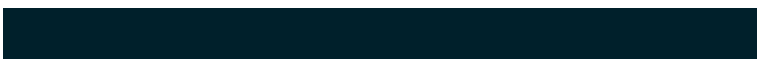
43.4273, 44.3987, 69.9001



12.5006, 13.5245, 15.8892



14.7375, 17.7367, 41.0999



0.9550, 1.2020, 2.5010

Inverse Universe

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



51.7306, 45.4247, 61.3022



74.0782, 62.5401, 88.0868



55.5860, 59.1376, 44.0835



12.8059, 12.5738, 14.9179



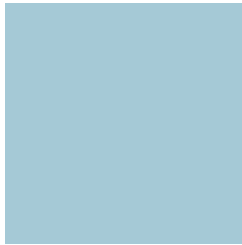
20.4976, 10.1354, 20.4565



1.2697, 0.6247, 1.4096

Previews

White Background



This preview shows how the XYZ color 48.5413, 54.6277, 71.6041 looks on a white background.

Color Contrast Check

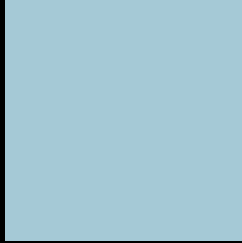
Large Text (above 18pt) WCAG AA × Fail

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 48.5413, 54.6277, 71.6041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

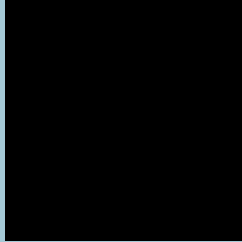
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.5413, 54.6277, 71.6041

Background



This preview shows how black text looks on a background with the XYZ color 48.5413, 54.6277, 71.6041.

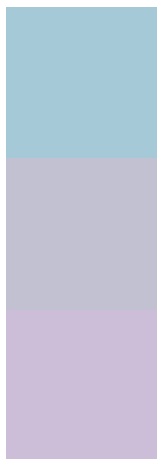


This preview shows how white text looks on a background with the XYZ color 48.5413, 54.6277,

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

48.5413, 54.6277, 71.6041

Protanopia

52.8267, 54.2127, 68.0014

Deuteranopia

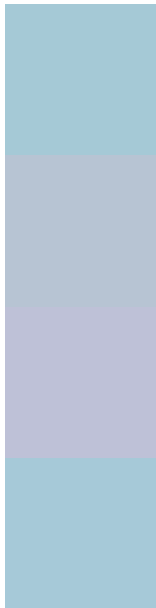
55.4941, 54.1904, 72.5007



Tritanopia

49.1369, 54.8900, 73.6507

Trichromacy



Original Color

48.5413, 54.6277, 71.6041

Protanomaly

51.0262, 54.2503, 69.4100

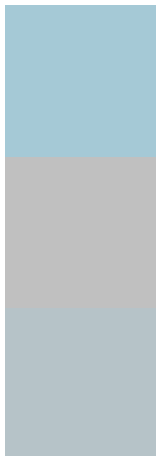
Deuteranomaly

52.5709, 53.9934, 71.9410

Tritanomaly

49.0072, 54.8381, 72.9676

Monochromacy



Original Color

48.5413, 54.6277, 71.6041

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.2318, 53.1454, 62.3069

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5413, 54.6277, 71.6041 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(165, 201, 214)` looks like.

```
.text, #text, p{  
    color:rgb(165, 201, 214)  
}
```

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(165, 201, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 201, 214) }
```

Border

The CSS property to change the border of an element to XYZ 48.5413, 54.6277, 71.6041 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(165, 201, 214) }
```


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

```
.border{ border-color:rgb(165, 201, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 201, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 201, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 201, 214);  
box-shadow:4px 4px 4px 4px rgb(165, 201,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5413, 54.6277, 71.6041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 201, 214) }
```

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

```
.background{ background-color: rgb(165,  
201, 214) }
```

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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