

Converting Colors

XYZ(50.0559, 55.1452, 75.7167)

Have a look what the booklet for
XYZ(50.0559, 55.1452, 75.7167)
contains.

XYZ(50.1671, 55.3756, 75.7546)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(50.1671, 55.3756,
75.7546)**

Conversions

Conversions Part 1

Format	Color
Hex	A9C9DC
RGB	169, 201, 220
RGB Percent	66%, 79%, 86%
CMY	0.3372, 0.2117, 0.1372
CMYK	0.23, 0.09, 0.00, 0.14
HSL	202°, 42%, 76%
HSV	202°, 23%, 86%
XYZ	50.1671, 55.3756, 75.7546
YIQ	193.5980, -25.1710, -0.8750

Conversions

Conversions Part 2

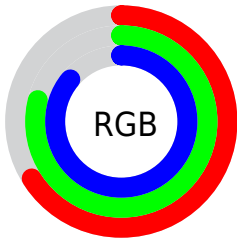
Format	Color
RYB	169, 189, 220
Decimal	11127260
CIELab	79.26, -6.51, -12.98
CIElCh	79, 14.526, 243.355
Yxy	55.3756, 0.2767, 0.3054
Android (android.graphics.Color)	4289317340 (0xFFA9C9DC)
YUV	193.5980, 13.0162, -21.5724
Hunter-Lab	74.4148, -9.8892, -8.2672

Details

The XYZ color **50.1671, 55.3756, 75.7546** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.6605, 54.0469, 45.0886**, and the grayscale version is **50.9783, 53.6331, 58.4065**.

A 20% lighter version of the original color is **84.8613, 94.7476, 108.4232**, and **24.4277, 27.2971, 39.5787** is the 20% darker color. If you saturate the color by 10%, you get **43.9792, 49.4261, 74.9333**, and if you desaturate by 10%, it is **57.2544, 61.9428, 76.6496**.

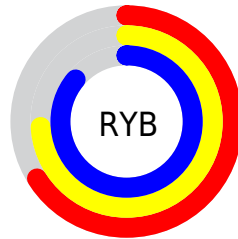
Distribution



Red (66%)

Green (79%)

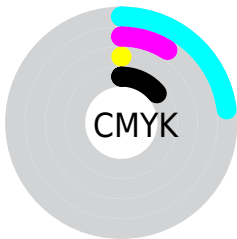
Blue (86%)



Red (66%)

Yellow (74%)

Blue (86%)

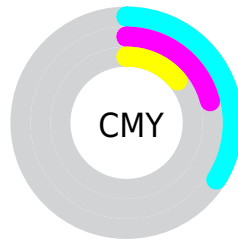


Cyan (23%)

Magenta (9%)

Yellow (0%)

Black (14%)



Cyan (34%)

Magenta (21%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.1671, 55.3756, 75.7546 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 50.1671, 55.3756, 75.7546 by changing the saturation by 10% instead.

■ 50.1671, 55.3756,
75.7546

■ 50.1671, 55.3756,
75.7546

377.7602,
407.3341, 499.8317

■ 35.7645, 39.7025,
55.7259

■ 89.6128, 98.0910,
129.1369

■ 24.4217, 27.3067,
39.5806

115.3865,
125.9022, 163.3275

■ 15.7731, 17.8037,
26.9004

145.6815,
158.5282, 203.0758

■ 9.4536, 10.8091,
17.2667

180.8628,
196.3534, 248.8003

■ 5.0977, 5.9386,
10.2608

221.2961,
239.7622, 300.9196

■ 2.3400, 2.8078,
5.4644

267.3465,

■ 0.8150, 1.0322,

289.1390, 359.8523

2.4588

319.3794,
344.8681, 426.0168

■ 0.0000, 0.0000,
0.8182

■ 0.0000, 0.0000,
0.0000

■ 50.1671, 55.3756,
75.7546

■ 50.1671, 55.3756,
75.7546

■ 43.9792, 49.4261,
74.9333

■ 57.2544, 61.9428,
76.6496

■ 38.6445, 44.0640,
74.1795

■ 65.2745, 69.1432,
77.6167

■ 34.1197, 39.2661,
73.4919

■ 74.2652, 76.9998,
78.6593

■ 30.3559, 35.0046,
72.8677

■ 83.5200, 85.1505,
79.7448

■ 27.2979, 31.2486,
72.3039

■ 85.9046, 89.9196,
80.5396

■ 24.8826, 27.9630,
71.7970

■ 88.3985, 94.9074,
81.3709

■ 23.0340, 25.1059,
71.3430

■ 89.9184, 97.9474,
81.8776

■ 22.0140, 23.3586,
71.0594

Harmonies

Analogous

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



48.1032, 55.3756, 69.5258



50.1671, 55.3756, 75.7546



52.9604, 55.3756, 77.7177

Triad

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



50.1671, 55.3756, 75.7546



58.4089, 55.3756, 59.3633



49.6207, 55.3756, 47.8940

Complementary

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



50.1671, 55.3756, 75.7546



54.6605, 54.0469, 45.0886

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.



52.3066, 55.3756, 45.6919



50.1671, 55.3756, 75.7546



57.4383, 55.3756, 51.9190

Square

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



50.1671, 55.3756, 75.7546



57.7855, 55.3756, 67.7579



55.1781, 55.3756, 47.0956



47.7960, 55.3756, 53.4005

Rectangle

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



50.1671, 55.3756, 75.7546



54.8786, 55.3756, 76.2076



55.1781, 55.3756, 47.0956



50.4492, 55.3756, 46.7670

Sweetspot

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



50.1688, 55.3778, 75.7559



86.7005, 92.6011, 107.9119



51.0013, 63.2404, 56.9273



18.4101, 19.6884, 23.0799



0.0000, 0.0000, 0.0000



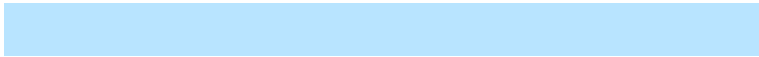
20.3446, 21.4041, 23.3091

Same Dimension

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



50.1688, 55.3778, 75.7559



65.5759, 73.0699, 105.2554



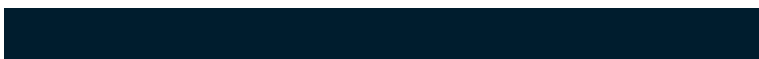
44.7678, 44.5759, 73.9555



13.0161, 13.9719, 16.6630



13.0297, 13.9289, 41.7402



0.9257, 1.0655, 2.7313

Inverse Universe

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



54.2471, 47.8100, 61.6299



72.3571, 60.9989, 81.6529



60.5222, 65.7704, 47.0425



13.3980, 13.1883, 15.3569



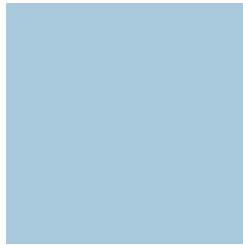
20.0721, 10.0299, 15.2918



1.3415, 0.6663, 1.2075

Previews

White Background



This preview shows how the XYZ color 50.1671, 55.3756, 75.7546 looks on a white background.

Color Contrast Check

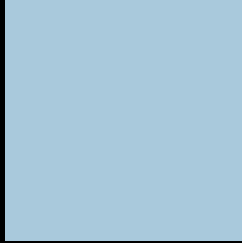
Large Text (above 18pt) WCAG AA × Fail

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 50.1671, 55.3756, 75.7546 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

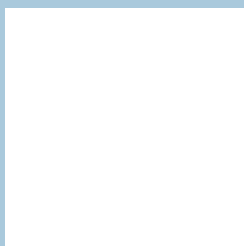
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.1671, 55.3756, 75.7546

Background



This preview shows how black text looks on a background with the XYZ color 50.1671, 55.3756, 75.7546.



This preview shows how white text looks on a background with the XYZ color 50.1671, 55.3756,

75.7546.

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

50.1671, 55.3756, 75.7546

Protanopia

53.9021, 55.3255, 72.8037

Deuteranopia

56.4442, 55.2320, 76.7932



Tritanopia

49.5595, 55.1079, 73.6705

Trichromacy



Original Color

50.1671, 55.3756, 75.7546

Protanomaly

52.2578, 55.1326, 73.5330

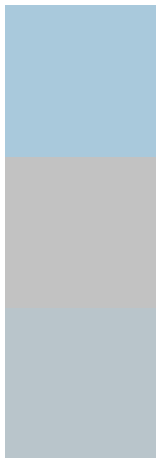
Deuteranomaly

54.0521, 55.3270, 76.2369

Tritanomaly

49.6900, 55.1601, 74.3577

Monochromacy



Original Color

50.1671, 55.3756, 75.7546

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.7533, 54.5586, 64.3558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.1671, 55.3756, 75.7546 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(169, 201, 220)` looks like.

```
.text, #text, p{  
    color:rgb(169, 201, 220)  
}
```

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(169, 201, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 201, 220) }
```

Border

The CSS property to change the border of an element to XYZ 50.1671, 55.3756, 75.7546 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(169, 201, 220) }
```


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

```
.border{ border-color:rgb(169, 201, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 201, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 201, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 201, 220);  
box-shadow:4px 4px 4px 4px rgb(169, 201,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 50.1671, 55.3756, 75.7546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 201, 220) }
```

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

```
.background{ background-color: rgb(169,  
201, 220) }
```

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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