

Converting Colors

XYZ(48.1567, 55.4630, 72.4573)

Have a look what the booklet for
XYZ(48.1567, 55.4630, 72.4573)
contains.

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Color

**XYZ(48.1567, 55.4630,
72.4573)**

Conversions

Conversions Part 1

Format	Color
Hex	9FCCD7
RGB	159, 204, 215
RGB Percent	62%, 80%, 84%
CMY	0.3765, 0.2000, 0.1569
CMYK	0.26, 0.05, 0.00, 0.16
HSL	192°, 41%, 73%
HSV	192°, 26%, 84%
XYZ	48.1567, 55.4630, 72.4573
YIQ	191.7990, -30.3510, -6.1190

Conversions

Conversions Part 2

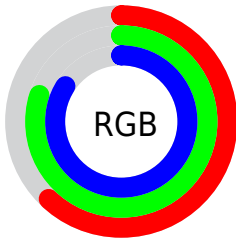
Format	Color
RYB	159, 184, 215
Decimal	10472663
CIELab	79.31, -12.20, -10.29
CIELCh	79, 15.960, 220.135
Yxy	55.4630, 0.2735, 0.3150
Android (android.graphics.Color)	4288662743 (0xFF9FCCD7)
YUV	191.7990, 11.4381, -28.7647
Hunter-Lab	74.4735, -14.9054, -5.5534

Details

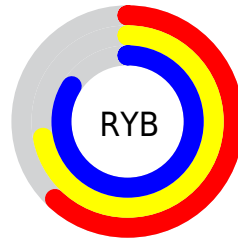
The XYZ color **48.1567, 55.4630, 72.4573** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.6577, 45.7000, 39.0585**, and the grayscale version is **49.9352, 52.5357, 57.2113**.

A 20% lighter version of the original color is **81.8343, 93.1871, 108.2815**, and **23.1954, 27.4149, 37.3268** is the 20% darker color. If you saturate the color by 10%, you get **43.2688, 51.4748, 71.9461**, and if you desaturate by 10%, it is **53.8167, 59.8923, 73.0149**.

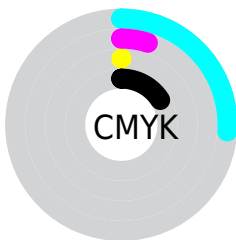
Distribution



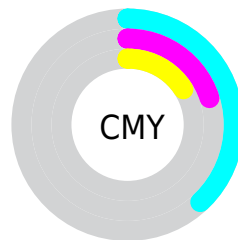
- Red (62%)
- Green (80%)
- Blue (84%)



- Red (62%)
- Yellow (72%)
- Blue (84%)



- Cyan (26%)
- Magenta (5%)
- Yellow (0%)
- Black (16%)



- Cyan (38%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.1567, 55.4630, 72.4573 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 48.1567, 55.4630, 72.4573 by changing the saturation by 10% instead.

■ 48.1567, 55.4630,
72.4573

■ 48.1567, 55.4630,
72.4573

369.9852,
407.6646, 488.1520

■ 34.1628, 39.7725,
53.0432

■ 86.6460, 98.2190,
124.4202

■ 23.1821, 27.3612,
37.4493

■ 111.8720,
126.0533, 157.8061

■ 14.8495, 17.8447,
25.2570

141.5728,
158.7044, 196.6864

■ 8.7995, 10.8386,
16.0479

176.1136,
196.5566, 241.4796

■ 4.6667, 5.9584,
9.4033

215.8599,
239.9943, 292.6042

■ 2.0858, 2.8198,
4.9048

261.1771,

■ 0.6815, 1.0384,

289.4019, 350.4788

2.1337

312.4304,
345.1639, 415.5218

■ 0.0000, 0.0000,
0.6357

■ 0.0000, 0.0000,
0.0000

■ 48.1567, 55.4630,
72.4573

■ 48.1567, 55.4630,
72.4573

■ 43.2688, 51.4748,
71.9461

■ 53.8167, 59.8923,
73.0149

■ 39.1094, 47.9009,
71.4754

■ 60.2796, 64.7749,
73.6167

■ 35.6381, 44.7215,
71.0447

■ 67.5807, 70.1306,
74.2656

■ 32.8084, 41.9123,
70.6516

■ 75.7515, 75.9760,
74.9632

■ 30.5679, 39.4460,
70.2937

■ 80.4624, 80.0793,
75.5070

■ 28.8555, 37.2906,
69.9679

■ 81.6188, 82.3922,
75.8924

■ 27.5951, 35.4067,
69.6707

■ 82.8037, 84.7619,
76.2874

■ 27.1670, 34.7086,
69.5585

■ 84.0172, 87.1889,
76.6919

■ 85.2595, 89.6735,
77.1060

Harmonies

Analogous

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



46.8960, 55.4630, 63.5395



48.1567, 55.4630, 72.4573



50.6556, 55.4630, 78.4970

Triad

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



48.1567, 55.4630, 72.4573



58.7082, 55.4630, 66.5685



51.6421, 55.4630, 44.6713

Complementary

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



48.1567, 55.4630, 72.4573



48.6577, 45.7000, 39.0585

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.



54.8314, 55.4630, 45.3061



48.1567, 55.4630, 72.4573



58.9985, 55.4630, 57.3459

Square

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



48.1567, 55.4630, 72.4573



56.7764, 55.4630, 74.8663



57.5542, 55.4630, 49.7425



48.8538, 55.4630, 47.9111

Rectangle

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



48.1567, 55.4630, 72.4573



52.7304, 55.4630, 79.7506



57.5542, 55.4630, 49.7425



52.7014, 55.4630, 44.4472

Sweetspot

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



48.1584, 55.4652, 72.4586



86.6742, 93.8046, 108.1456



45.7861, 58.8475, 46.6142



18.2340, 19.8395, 23.1183



0.0000, 0.0000, 0.0000



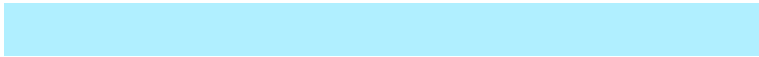
20.3446, 21.4041, 23.3091

Same Dimension

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



48.1584, 55.4652, 72.4586



66.9492, 78.4562, 106.2227



42.2345, 43.6175, 70.4839



12.5754, 13.6741, 15.9141



16.3244, 20.9106, 41.6289



1.0387, 1.3695, 2.5289

Inverse Universe

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



51.3229, 43.6043, 62.8408



72.4059, 58.5512, 89.5157



54.3102, 57.0051, 40.9427



12.8436, 12.5889, 15.1167



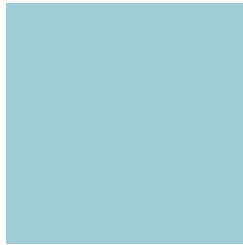
21.2987, 10.4558, 24.6746



1.3120, 0.6416, 1.6321

Previews

White Background



This preview shows how the XYZ color 48.1567, 55.4630, 72.4573 looks on a white background.

Color Contrast Check

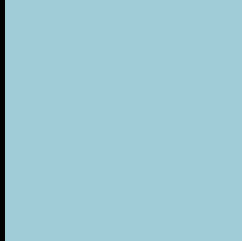
Large Text (above 18pt) WCAG AA × Fail

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 48.1567, 55.4630, 72.4573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

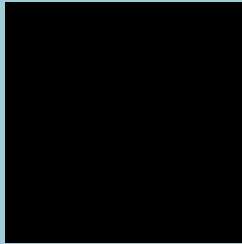
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.1567, 55.4630, 72.4573

Background



This preview shows how black text looks on a background with the XYZ color 48.1567, 55.4630, 72.4573.



This preview shows how white text looks on a background with the XYZ color 48.1567, 55.4630,

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

48.1567, 55.4630, 72.4573

Protanopia

53.5294, 55.2358, 68.1619

Deuteranopia

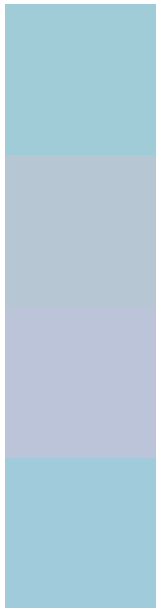
56.4625, 55.3027, 74.0283



Tritanopia

48.7714, 55.3528, 75.8238

Trichromacy



Original Color

48.1567, 55.4630, 72.4573

Protanomaly

51.2434, 55.0364, 69.5503

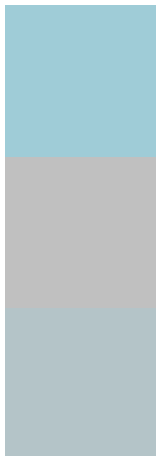
Deuteranomaly

53.0034, 55.1810, 73.5031

Tritanomaly

48.5080, 55.2474, 74.4368

Monochromacy



Original Color

48.1567, 55.4630, 72.4573

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

48.9876, 53.3533, 62.3599

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1567, 55.4630, 72.4573 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(159, 204, 215)` looks like.

```
.text, #text, p{  
    color:rgb(159, 204, 215)  
}
```

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(159, 204, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 204, 215) }
```

Border

The CSS property to change the border of an element to XYZ 48.1567, 55.4630, 72.4573 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(159, 204, 215) }
```


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

```
.border{ border-color:rgb(159, 204, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 204, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 204, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 204, 215); box-shadow:4px 4px 4px 4px rgb(159, 204, 215) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1567, 55.4630, 72.4573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 204, 215) }
```

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

```
.background{ background-color: rgb(159,  
204, 215) }
```

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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