

Converting Colors

XYZ(56.0423, 66.6948, 90.0404)

Have a look what the booklet for
XYZ(56.0423, 66.6948, 90.0404)
contains.

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Color

**XYZ(56.0423, 66.6948,
90.0404)**

Conversions

Conversions Part 1

Format	Color
Hex	9EE0ED
RGB	158, 224, 237
RGB Percent	62%, 88%, 93%
CMY	0.3804, 0.1216, 0.0706
CMYK	0.33, 0.05, 0.00, 0.07
HSL	190°, 69%, 77%
HSV	190°, 33%, 93%
XYZ	56.0423, 66.6948, 90.0404
YIQ	205.7480, -43.5090, -9.9490

Conversions

Conversions Part 2

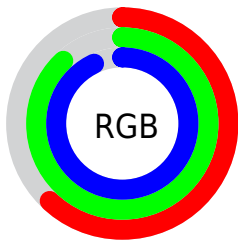
Format	Color
RYB	158, 194, 237
Decimal	10412269
CIELab	85.35, -17.58, -12.98
CIELCh	85, 21.855, 216.450
Yxy	66.6948, 0.2634, 0.3134
Android (android.graphics.Color)	4288602349 (0xFF9EE0ED)
YUV	205.7480, 15.4072, -41.8750
Hunter-Lab	81.6669, -20.4249, -8.2023

Details

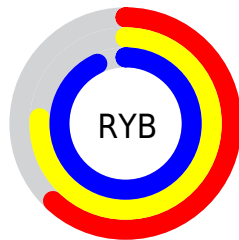
The XYZ color **56.0423, 66.6948, 90.0404** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.6606, 49.5999, 38.9896**, and the grayscale version is **58.4313, 61.4743, 66.9455**.

A 20% lighter version of the original color is **81.8343, 93.1871, 108.2815**, and **28.1220, 34.5957, 48.9115** is the 20% darker color. If you saturate the color by 10%, you get **50.7869, 62.4491, 89.4990**, and if you desaturate by 10%, it is **62.2247, 71.4572, 90.6349**.

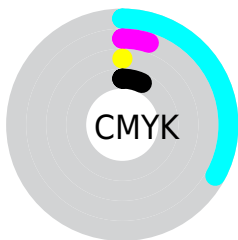
Distribution



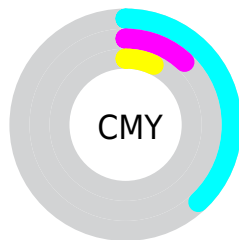
- Red (62%)
- Green (88%)
- Blue (93%)



- Red (62%)
- Yellow (76%)
- Blue (93%)



- Cyan (33%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (38%)
- Magenta (12%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0423, 66.6948, 90.0404 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 56.0423, 66.6948, 90.0404 by changing the saturation by 10% instead.

56.0423, 66.6948,
90.0404

56.0423, 66.6948,
90.0404

399.9233,
448.8576, 548.7358

40.4740, 48.8366,
67.4402

98.2059, 114.4830,
149.3305

28.0941, 34.4899,
48.9786

125.5318,
145.1818, 186.8576

18.5375, 23.2702,
34.2371

157.5077,
180.9296, 230.1973

11.4386, 14.7932,
22.7969

194.4989,
222.1108, 279.7683

6.4321, 8.6743,
14.2398

236.8706,
269.1099, 335.9892

3.1527, 4.5294,
8.1470

284.9884,

1.2350, 1.9739,

322.3111, 399.2783

4.1000

339.2175,
382.0989, 470.0543

■ 0.1337, 0.5922,
1.6804

■ 0.0000, 0.0000,
0.3472

■ 56.0423, 66.6948,
90.0404

■ 56.0423, 66.6948,
90.0404

■ 50.7869, 62.4491,
89.4990

■ 62.2247, 71.4572,
90.6349

■ 46.4005, 58.6853,
89.0037

■ 69.3759, 76.7534,
91.2803

■ 42.8277, 55.3761,
88.5533

■ 77.5424, 82.6092,
91.9801

■ 40.0043, 52.4881,
88.1447

■ 86.7660, 89.0463,
92.7365

■ 37.8557, 49.9829,
87.7743

■ 88.7270, 91.7759,
93.1600

■ 36.2919, 47.8135,
87.4380

■ 89.9096, 94.1412,
93.5542

■ 35.4821, 46.5061,
87.2284

■ 91.1172, 96.5563,
93.9567

■ 92.2863, 98.8945,
94.3464

Harmonies

Analogous

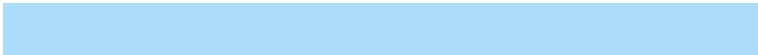
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.3997, 66.6948, 75.7233



56.0423, 66.6948, 90.0404



59.6655, 66.6948, 100.5709

Triad

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



56.0423, 66.6948, 90.0404



72.5192, 66.6948, 84.0593



62.3286, 66.6948, 48.7695

Complementary

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



56.0423, 66.6948, 90.0404



55.6606, 49.5999, 38.9896

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.



67.2693, 66.6948, 50.3954



56.0423, 66.6948, 90.0404



73.3231, 66.6948, 69.6013

Square

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



56.0423, 66.6948, 90.0404



69.2136, 66.6948, 96.8157



71.3564, 66.6948, 57.6040



57.9052, 66.6948, 52.8329

Rectangle

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



56.0423, 66.6948, 90.0404



62.8041, 66.6948, 103.3508



71.3564, 66.6948, 57.6040



63.9824, 66.6948, 48.6774

Sweetspot

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



56.0443, 66.6974, 90.0419



84.9590, 92.8326, 108.0484



51.6278, 70.7355, 48.8898



17.9024, 19.6661, 23.1023



0.0000, 0.0000, 0.0000



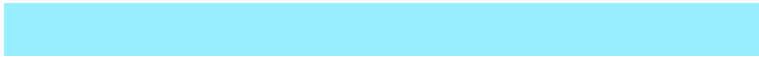
20.3446, 21.4041, 23.3091

Same Dimension

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



56.0443, 66.6974, 90.0419



61.8249, 75.2683, 105.8775



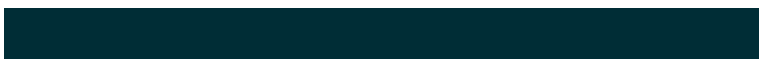
46.8735, 48.3558, 86.9850



15.2945, 16.6754, 19.3348



19.4544, 25.5558, 47.6504



1.5838, 2.1191, 3.7604

Inverse Universe

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



60.6081, 47.8419, 76.5638



68.0959, 50.2283, 87.1628



63.9844, 66.2475, 41.7642



15.6022, 15.2687, 18.4564



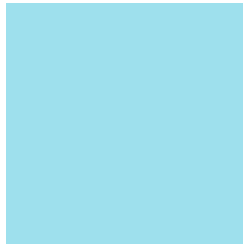
24.6750, 12.0727, 30.4195



1.9659, 0.9593, 2.5380

Previews

White Background



This preview shows how the XYZ color 56.0423, 66.6948, 90.0404 looks on a white background.

Color Contrast Check

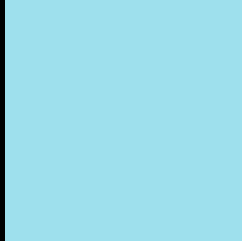
Large Text (above 18pt) WCAG AA × Fail

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 56.0423, 66.6948, 90.0404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

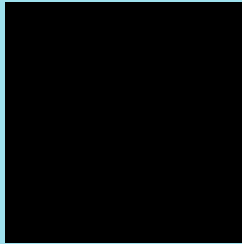
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.0423, 66.6948, 90.0404

Background



This preview shows how black text looks on a background with the XYZ color 56.0423, 66.6948, 90.0404.

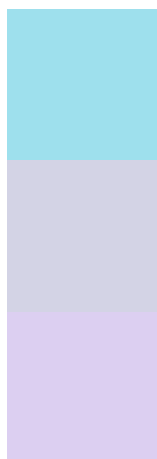


This preview shows how white text looks on a background with the XYZ color 56.0423, 66.6948,

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

56.0423, 66.6948, 90.0404

Protanopia

64.3011, 66.0946, 83.4972

Deuteranopia

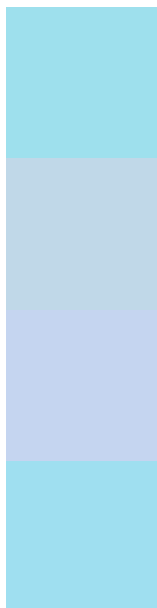
67.7052, 66.1922, 92.4270



Tritanopia

56.5629, 66.4972, 93.0731

Trichromacy



Original Color

56.0423, 66.6948, 90.0404

Protanomaly

60.8596, 66.1444, 85.9034

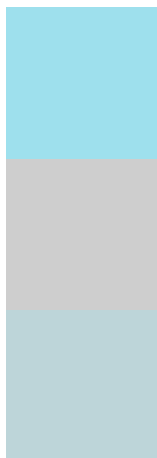
Deuteranomaly

62.5484, 65.7501, 91.8325

Tritanomaly

56.4139, 66.4376, 92.2885

Monochromacy



Original Color

56.0423, 66.6948, 90.0404

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.3049, 63.4171, 74.8661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0423, 66.6948, 90.0404 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(158, 224, 237)` looks like.

```
.text, #text, p{  
    color:rgb(158, 224, 237)  
}
```

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(158, 224, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 224, 237) }
```

Border

The CSS property to change the border of an element to XYZ 56.0423, 66.6948, 90.0404 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(158, 224, 237) }
```


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

```
.border{ border-color:rgb(158, 224, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 224, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 224, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 224, 237);  
box-shadow:4px 4px 4px 4px rgb(158, 224,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0423, 66.6948, 90.0404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 224, 237) }
```

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

```
.background{ background-color: rgb(158,  
224, 237) }
```

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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