

Converting Colors

XYZ(56.3121, 64.5458, 88.8643)

Have a look what the booklet for
XYZ(56.3121, 64.5458, 88.8643)
contains.

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Color

**XYZ(56.3602, 64.5238,
88.8407)**

Conversions

Conversions Part 1

Format	Color
Hex	A8DAEC
RGB	168, 218, 236
RGB Percent	66%, 85%, 93%
CMY	0.3412, 0.1451, 0.0745
CMYK	0.29, 0.08, 0.00, 0.07
HSL	196°, 64%, 79%
HSV	196°, 29%, 93%
XYZ	56.3602, 64.5238, 88.8407
YIQ	205.1020, -35.5780, -5.0020

Conversions

Conversions Part 2

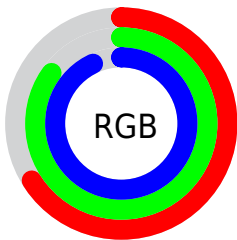
Format	Color
R _{YB}	168, 197, 236
Decimal	11066092
CIE Lab	84.24, -12.00, -14.06
CIE LCh	84, 18.485, 229.537
Yxy	64.5238, 0.2687, 0.3077
Android (android.graphics.Color)	4289256172 (0xFFA8DAEC)
YUV	205.1020, 15.2327, -32.5385
Hunter-Lab	80.3267, -15.3295, -9.3456

Details

The XYZ color **56.3602, 64.5238, 88.8407** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.2197, 55.7784, 44.6924**, and the grayscale version is **58.0172, 61.0386, 66.4710**.

A 20% lighter version of the original color is **84.8613, 94.7476, 108.4232**, and **28.2748, 33.0671, 48.0724** is the 20% darker color. If you saturate the color by 10%, you get **50.1957, 58.9879, 88.0982**, and if you desaturate by 10%, it is **63.5015, 70.6570, 89.6492**.

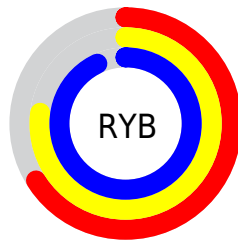
Distribution



Red (66%)

Green (85%)

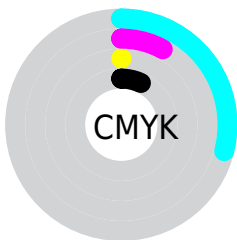
Blue (93%)



Red (66%)

Yellow (77%)

Blue (93%)

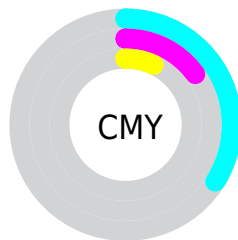


Cyan (29%)

Magenta (8%)

Yellow (0%)

Black (7%)



Cyan (34%)

Magenta (15%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3602, 64.5238, 88.8407 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 56.3602, 64.5238, 88.8407 by changing the saturation by 10% instead.

■ 56.3602, 64.5238,
88.8407

■ 56.3602, 64.5238,
88.8407

401.1006,
441.0787, 544.7249

■ 40.7299, 47.0750,
66.4512

■ 98.6678, 111.3650,
147.6484

■ 28.2949, 33.0950,
48.1800

126.0758,
141.5261, 184.9038

■ 18.6896, 22.1992,
33.6085

158.1405,
176.6936, 227.9515

■ 11.5489, 14.0034,
22.3180

195.2271,
217.2517, 277.2102

■ 6.5073, 8.1230,
13.8902

237.7011,
263.5849, 333.0983

■ 3.1995, 4.1738,
7.9065

285.9277,

■ 1.2601, 1.7712,

316.0775, 396.0345

3.9483

340.2725,
375.1140, 466.4372

■ 0.1531, 0.4691,
1.5970

■ 0.0000, 0.0000,
0.2887

■ 56.3602, 64.5238,
88.8407

■ 56.3602, 64.5238,
88.8407

■ 50.1957, 58.9879,
88.0982

■ 63.5015, 70.6570,
89.6492

■ 44.9520, 54.0148,
87.4146

■ 71.6599, 77.4046,
90.5217

■ 40.5765, 49.5778,
86.7888

■ 80.8807, 84.7925,
91.4617

■ 37.0082, 45.6447,
86.2177

■ 88.4279, 91.4110,
92.3414

■ 34.1782, 42.1787,
85.6979

■ 90.3291, 95.2133,
92.9751

■ 32.0046, 39.1366,
85.2253

■ 92.1405, 98.8362,
93.5789

■ 30.3658, 36.4548,
84.7940

■ 30.1876, 36.1503,
84.7446

Harmonies

Analogous

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



54.2047, 64.5238, 78.0672



56.3602, 64.5238, 88.8407



59.9096, 64.5238, 94.8375

Triad

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



56.3602, 64.5238, 88.8407



69.3988, 64.5238, 74.4293



58.7330, 64.5238, 51.0796

Complementary

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



56.3602, 64.5238, 88.8407



59.2197, 55.7784, 44.6924

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.



62.7685, 64.5238, 50.3368



56.3602, 64.5238, 88.8407



69.0494, 64.5238, 62.9830

Square

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



56.3602, 64.5238, 88.8407



67.5138, 64.5238, 85.9241



66.5793, 64.5238, 54.4617



55.5319, 64.5238, 56.6178

Rectangle

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



56.3602, 64.5238, 88.8407



62.6414, 64.5238, 94.9148



66.5793, 64.5238, 54.4617



60.0330, 64.5238, 50.2862

Sweetspot

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



56.3622, 64.5264, 88.8422



85.1977, 92.0897, 107.8924



54.9022, 71.8198, 56.8694



17.9159, 19.4499, 23.0599



0.0000, 0.0000, 0.0000



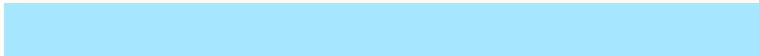
20.3446, 21.4041, 23.3091

Same Dimension

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



56.3622, 64.5264, 88.8422



62.4054, 72.6637, 105.3441



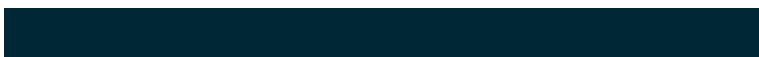
48.6392, 49.0805, 86.2679



15.1608, 16.4081, 19.2903



16.7511, 20.1493, 46.7493



1.3933, 1.7380, 3.6969

Inverse Universe

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



61.2512, 50.9017, 72.9293



69.3081, 54.2325, 82.6965



66.9927, 71.3244, 47.2834



15.5347, 15.2417, 18.1011



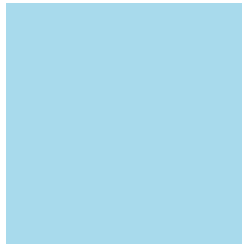
23.3105, 11.5269, 23.2342



1.8698, 0.9209, 2.0316

Previews

White Background



This preview shows how the XYZ color 56.3602, 64.5238, 88.8407 looks on a white background.

Color Contrast Check

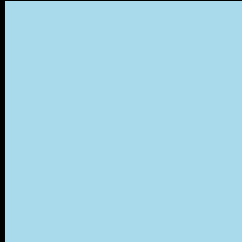
Large Text (above 18pt) WCAG AA × Fail

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 56.3602, 64.5238, 88.8407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

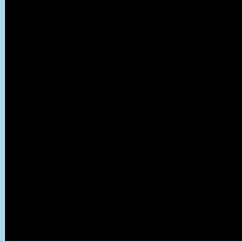
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.3602, 64.5238, 88.8407

Background



This preview shows how black text looks on a background with the XYZ color 56.3602, 64.5238, 88.8407.



This preview shows how white text looks on a background with the XYZ color 56.3602, 64.5238,

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

56.3602, 64.5238, 88.8407

Protanopia

62.5709, 64.0903, 83.9357

Deuteranopia

65.4918, 64.0167, 90.5660



Tritanopia

56.3602, 64.5238, 88.8407

Trichromacy



Original Color

56.3602, 64.5238, 88.8407

Protanomaly

60.1013, 64.2506, 85.5779

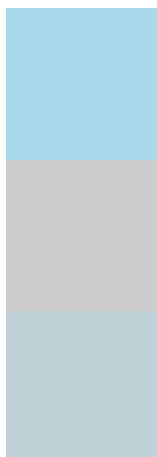
Deuteranomaly

61.7863, 63.9161, 89.9695

Tritanomaly

56.3602, 64.5238, 88.8407

Monochromacy



Original Color

56.3602, 64.5238, 88.8407

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.1795, 62.2575, 73.9690

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3602, 64.5238, 88.8407 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(168, 218, 236)` looks like.

```
.text, #text, p{  
    color:rgb(168, 218, 236)  
}
```

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(168, 218, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 218, 236) }
```

Border

The CSS property to change the border of an element to XYZ 56.3602, 64.5238, 88.8407 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(168, 218, 236) }
```


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

```
.border{ border-color:rgb(168, 218, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 218, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 218, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 218, 236);  
box-shadow:4px 4px 4px 4px rgb(168, 218,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3602, 64.5238, 88.8407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 218, 236) }
```

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

```
.background{ background-color: rgb(168,  
218, 236) }
```

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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