

Converting Colors

XYZ(57.7817, 65.4245, 88.9402)

Have a look what the booklet for
XYZ(57.7817, 65.4245, 88.9402)
contains.

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Color

**XYZ(57.6673, 65.1976,
88.9019)**

Conversions

Conversions Part 1

Format	Color
Hex	AEDAEC
RGB	174, 218, 236
RGB Percent	68%, 85%, 93%
CMY	0.3176, 0.1451, 0.0745
CMYK	0.26, 0.08, 0.00, 0.07
HSL	197°, 62%, 80%
HSV	197°, 26%, 93%
XYZ	57.6673, 65.1976, 88.9019
YIQ	206.8960, -32.0020, -3.7300

Conversions

Conversions Part 2

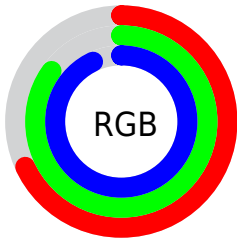
Format	Color
RYB	174, 200, 236
Decimal	11459308
CIELab	84.59, -10.27, -13.51
CIELCh	85, 16.970, 232.748
Yxy	65.1976, 0.2723, 0.3079
Android (android.graphics.Color)	4289649388 (0xFFFAEDAEC)
YUV	206.8960, 14.3483, -28.8498
Hunter-Lab	80.7450, -13.8209, -8.7580

Details

The XYZ color **57.6673, 65.1976, 88.9019** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **61.0825, 58.5886, 48.1353**, and the grayscale version is **59.1681, 62.2495, 67.7897**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **29.0811, 33.4827, 48.1101** is the 20% darker color. If you saturate the color by 10%, you get **51.1249, 59.2433, 88.0985**, and if you desaturate by 10%, it is **65.2108, 71.7802, 89.7760**.

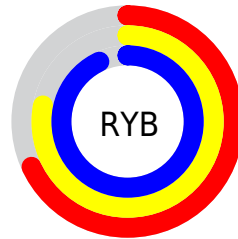
Distribution



Red (68%)

Green (85%)

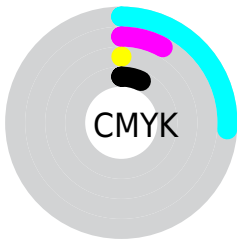
Blue (93%)



Red (68%)

Yellow (78%)

Blue (93%)

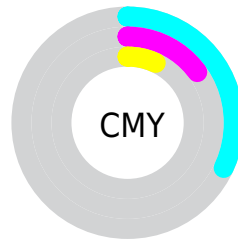


Cyan (26%)

Magenta (8%)

Yellow (0%)

Black (7%)



Cyan (32%)

Magenta (15%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6673, 65.1976, 88.9019 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 57.6673, 65.1976, 88.9019 by changing the saturation by 10% instead.

■ 57.6673, 65.1976,
88.9019

■ 57.6673, 65.1976,
88.9019

405.9190,
443.5017, 544.9299

■ 41.7835, 47.6213,
66.5017

■ 100.5640,
112.3339, 147.7343

■ 29.1221, 33.5271,
48.2207

128.3075,
142.6627, 185.0036

■ 19.3180, 22.5305,
33.6405

160.7350,
178.0112, 228.0662

■ 12.0056, 14.2473,
22.3424

198.2118,
218.7636, 277.3409

■ 6.8197, 8.2928,
13.9080

241.1032,
265.3045, 333.2460

■ 3.3950, 4.2829,
7.9187

289.7746,

■ 1.3659, 1.8330,

318.0182, 396.2002

3.9559

344.5914,
377.2892, 466.6220

■ 0.2317, 0.5076,
1.6012

■ 0.0000, 0.0000,
0.2917

■ 57.6673, 65.1976,
88.9019

■ 57.6673, 65.1976,
88.9019

■ 51.1249, 59.2433,
88.0985

■ 65.2108, 71.7802,
89.7760

■ 45.5285, 53.8829,
87.3588

■ 73.7951, 79.0080,
90.7186

■ 40.8263, 49.0898,
86.6815

■ 83.4650, 86.9070,
91.7336

■ 36.9592, 44.8323,
86.0635

■ 89.1563, 92.8678,
92.5842

■ 33.8602, 41.0744,
85.5015

■ 91.2721, 97.0993,
93.2895

■ 31.4511, 37.7744,
84.9915

■ 92.1405, 98.8362,
93.5790

■ 29.6346, 34.8807,
84.5287

■ 29.0499, 33.8749,
84.3654

Harmonies

Analogous

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



55.4973, 65.1976, 79.3557



57.6673, 65.1976, 88.9019



61.0543, 65.1976, 93.7329

Triad

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



57.6673, 65.1976, 88.9019



69.4704, 65.1976, 73.6525



59.1972, 65.1976, 53.4531

Complementary

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



57.6673, 65.1976, 88.9019



61.0825, 58.5886, 48.1353

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.



62.8915, 65.1976, 52.2585



57.6673, 65.1976, 88.9019



68.9239, 65.1976, 63.2323

Square

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



57.6673, 65.1976, 88.9019



67.9425, 65.1976, 84.3655



66.4781, 65.1976, 55.6602



56.3551, 65.1976, 59.1071

Rectangle

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



57.6673, 65.1976, 88.9019



63.5878, 65.1976, 93.3160



66.4781, 65.1976, 55.6602



60.3766, 65.1976, 52.5419

Sweetspot

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



57.6693, 65.2002, 88.9034



86.0789, 92.6139, 107.9472



56.9189, 72.7775, 60.6668



18.0833, 19.5382, 23.0681



0.0000, 0.0000, 0.0000



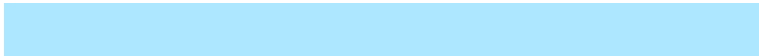
20.3446, 21.4041, 23.3091

Same Dimension

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



57.6693, 65.2002, 88.9034



64.0357, 73.4769, 105.4152



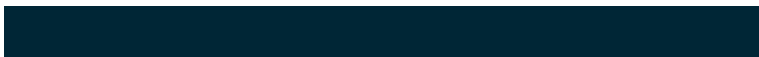
50.4597, 50.7812, 86.5002



15.1269, 16.3403, 19.2790



16.1294, 18.9057, 46.5420



1.3486, 1.6487, 3.6820

Inverse Universe

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



62.3846, 53.1686, 73.3071



70.7284, 57.0880, 83.1244



68.5054, 73.4343, 50.6096



15.5176, 15.2349, 18.0110



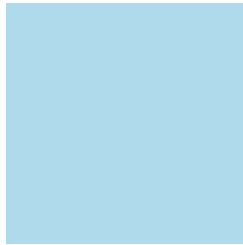
22.9967, 11.4014, 21.5815



1.8472, 0.9119, 1.9128

Previews

White Background



This preview shows how the XYZ color 57.6673, 65.1976, 88.9019 looks on a white background.

Color Contrast Check

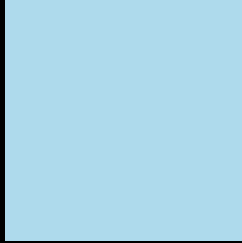
Large Text (above 18pt) WCAG AA × Fail

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 57.6673, 65.1976, 88.9019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

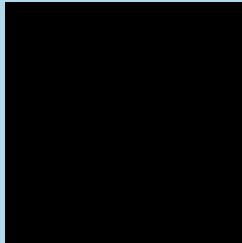
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.6673, 65.1976, 88.9019

Background



This preview shows how black text looks on a background with the XYZ color 57.6673, 65.1976, 88.9019.



This preview shows how white text looks on a background with the XYZ color 57.6673, 65.1976,

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

57.6673, 65.1976, 88.9019

Protanopia

63.0958, 64.7240, 84.0304

Deuteranopia

66.3248, 64.8001, 90.6733



Tritanopia

57.6673, 65.1976, 88.9019

Trichromacy



Original Color

57.6673, 65.1976, 88.9019

Protanomaly

60.8739, 64.6489, 85.6140

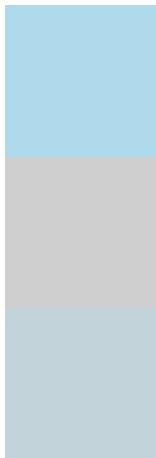
Deuteranomaly

62.8363, 64.8228, 90.0891

Tritanomaly

57.6673, 65.1976, 88.9019

Monochromacy



Original Color

57.6673, 65.1976, 88.9019

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.4548, 63.2526, 75.4577

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6673, 65.1976, 88.9019 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(174, 218, 236)` looks like.

```
.text, #text, p{  
    color:rgb(174, 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(174, 218, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 218, 236) }
```

Border

The CSS property to change the border of an element to XYZ 57.6673, 65.1976, 88.9019 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(174, 218, 236) }
```


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

```
.border{ border-color:rgb(174, 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(174, 218, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 218, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 218, 236);  
box-shadow:4px 4px 4px 4px rgb(174, 218,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6673, 65.1976, 88.9019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 218, 236) }
```

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

```
.background{ background-color: rgb(174,  
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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