

Converting Colors

XYZ(58.3917, 68.3982, 92.5551)

Have a look what the booklet for
XYZ(58.3917, 68.3982, 92.5551)
contains.

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Color

**XYZ(58.3793, 68.2487,
92.5345)**

Conversions

Conversions Part 1

Format	Color
Hex	A6E1F0
RGB	166, 225, 240
RGB Percent	65%, 88%, 94%
CMY	0.3490, 0.1176, 0.0588
CMYK	0.31, 0.06, 0.00, 0.06
HSL	192°, 71%, 80%
HSV	192°, 31%, 94%
XYZ	58.3793, 68.2487, 92.5345
YIQ	209.0690, -39.9790, -7.8430

Conversions

Conversions Part 2

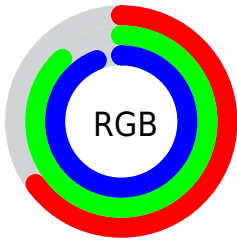
Format	Color
R _Y B	166, 199, 240
Decimal	10936816
CIE Lab	86.13, -15.20, -13.36
CIE LCh	86, 20.232, 221.308
Yxy	68.2487, 0.2664, 0.3114
Android (android.graphics.Color)	4289126896 (0xFFA6E1F0)
YUV	209.0690, 15.2490, -37.7715
Hunter-Lab	82.6128, -18.4332, -8.5817

Details

The XYZ color **58.3793, 68.2487, 92.5345** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.3430, 54.3269, 43.4365**, and the grayscale version is **60.5734, 63.7279, 69.3997**.

A 20% lighter version of the original color is **84.2414, 94.4280, 108.3942**, and **29.5820, 35.5896, 50.6578** is the 20% darker color. If you saturate the color by 10%, you get **52.5143, 63.3024, 91.8900**, and if you desaturate by 10%, it is **65.2247, 73.7594, 93.2385**.

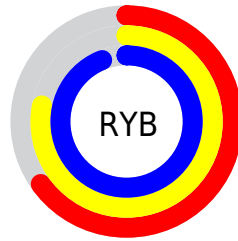
Distribution



Red (65%)

Green (88%)

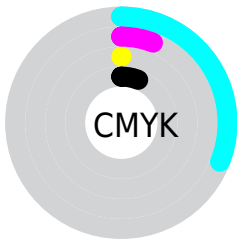
Blue (94%)



Red (65%)

Yellow (78%)

Blue (94%)

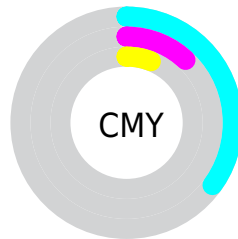


Cyan (31%)

Magenta (6%)

Yellow (0%)

Black (6%)



Cyan (35%)

Magenta (12%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3793, 68.2487, 92.5345 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 58.3793, 68.2487, 92.5345 by changing the saturation by 10% instead.

■ 58.3793, 68.2487,
92.5345

■ 58.3793, 68.2487,
92.5345

408.5289,
454.3767, 557.0229

■ 42.3581, 50.1001,
69.4991

■ 101.5948,
116.7079, 152.8201

■ 29.5741, 35.4929,
50.6440

■ 129.5198,
147.7872, 190.9074

■ 19.6620, 24.0428,
35.5506

162.1435,
183.9456, 234.8492

■ 12.2564, 15.3654,
23.8004

199.8311,
225.5673, 285.0639

■ 6.9920, 9.0762,
14.9748

242.9481,
273.0370, 341.9700

■ 3.5034, 4.7909,
8.6553

291.8599,

■ 1.4252, 2.1251,

326.7388, 405.9862

4.4233

346.9317,
387.0572, 477.5310

■ 0.2741, 0.6787,
1.8603

■ 0.0000, 0.0000,
0.4673

■ 58.3793, 68.2487,
92.5345

■ 58.3793, 68.2487,
92.5345

■ 52.5143, 63.3024,
91.8900

■ 65.2247, 73.7594,
93.2385

■ 47.5708, 58.8846,
91.2979

■ 73.0929, 79.8517,
93.9998

■ 43.4932, 54.9680,
90.7568

■ 82.0311, 86.5521,
94.8220

■ 40.2169, 51.5186,
90.2637

■ 89.4579, 92.5304,
95.5845

■ 37.6682, 48.4981,
89.8150

■ 90.9446, 95.5038,
96.0800

■ 35.7585, 45.8603,
89.4065

■ 92.4703, 98.5551,
96.5886

■ 34.4378, 43.7102,
89.0611

■ 92.7284, 99.0714,
96.6746

Harmonies

Analogous

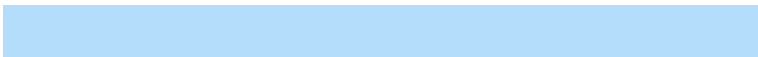
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.4875, 68.2487, 79.4480



58.3793, 68.2487, 92.5345



62.0441, 68.2487, 101.3113

Triad

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



58.3793, 68.2487, 92.5345



73.7146, 68.2487, 82.8259



63.1303, 68.2487, 51.9176

Complementary

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



58.3793, 68.2487, 92.5345



59.3430, 54.3269, 43.4365

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.



67.7770, 68.2487, 52.5927



58.3793, 68.2487, 92.5345



74.0397, 68.2487, 69.4008

Square

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



58.3793, 68.2487, 92.5345



70.9532, 68.2487, 95.2603



71.8213, 68.2487, 58.6528



59.1417, 68.2487, 56.6833

Rectangle

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



58.3793, 68.2487, 92.5345



65.0728, 68.2487, 102.9731



71.8213, 68.2487, 58.6528



64.6643, 68.2487, 51.5323

Sweetspot

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



58.3814, 68.2514, 92.5361



85.6390, 92.9723, 108.0395



55.2074, 73.7565, 54.9369



18.0251, 19.6683, 23.0963



0.0000, 0.0000, 0.0000



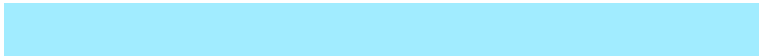
20.3446, 21.4041, 23.3091

Same Dimension

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



58.3814, 68.2514, 92.5361



62.6378, 74.6814, 105.7213



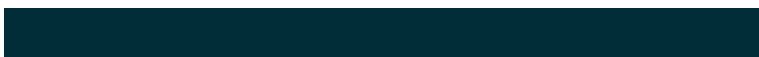
49.4816, 50.4519, 89.5695



15.9595, 17.3530, 20.2299



18.9489, 24.1220, 48.7852



1.6444, 2.1427, 4.0811

Inverse Universe

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



63.1637, 51.2357, 77.7975



69.0464, 52.6766, 85.7924



67.8391, 71.3191, 46.2685



16.3090, 15.9733, 19.1833



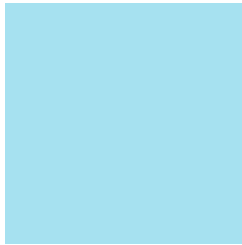
24.8901, 12.2285, 28.4017



2.1050, 1.0310, 2.5435

Previews

White Background



This preview shows how the XYZ color 58.3793, 68.2487, 92.5345 looks on a white background.

Color Contrast Check

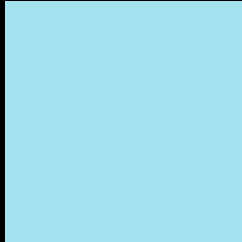
Large Text (above 18pt) WCAG AA × Fail

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 58.3793, 68.2487, 92.5345 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 58.3793, 68.2487, 92.5345

Background



This preview shows how black text looks on a background with the XYZ color 58.3793, 68.2487, 92.5345.

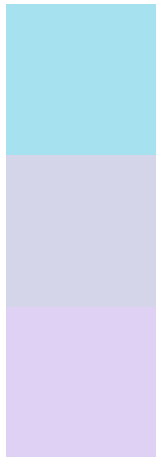


This preview shows how white text looks on a background with the XYZ color 58.3793, 68.2487,

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

58.3793, 68.2487, 92.5345

Protanopia

65.9428, 67.6178, 86.6668

Deuteranopia

69.1023, 67.6016, 94.2003



Tritanopia

59.0392, 68.5370, 94.9113

Trichromacy



Original Color

58.3793, 68.2487, 92.5345

Protanomaly

62.7181, 67.4176, 89.0642

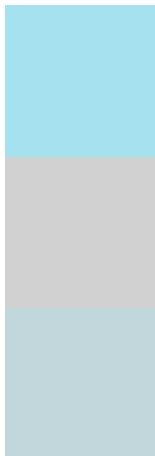
Deuteranomaly

64.6846, 67.5682, 93.6371

Tritanomaly

58.8886, 68.4767, 94.1180

Monochromacy



Original Color

58.3793, 68.2487, 92.5345

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.2110, 65.1056, 77.1560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3793, 68.2487, 92.5345 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(166, 225, 240)` looks like.

```
.text, #text, p{  
    color:rgb(166, 225, 240)  
}
```

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(166, 225, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 225, 240) }
```

Border

The CSS property to change the border of an element to XYZ 58.3793, 68.2487, 92.5345 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(166, 225, 240) }
```


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

```
.border{ border-color:rgb(166, 225, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 225, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 225, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 225, 240);  
box-shadow:4px 4px 4px 4px rgb(166, 225,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3793, 68.2487, 92.5345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 225, 240) }
```

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

```
.background{ background-color: rgb(166,  
225, 240) }
```

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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