

Converting Colors

XYZ(52.3496, 59.1353, 76.2338)

Have a look what the booklet for
XYZ(52.3496, 59.1353, 76.2338)
contains.

| | |
|--|----|
| XYZ(52.2687, 58.9370, 76.3313) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(52.2687, 58.9370,
76.3313)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | ABD0DC |
| RGB | 171, 208, 220 |
| RGB Percent | 67%, 82%, 86% |
| CMY | 0.3294, 0.1843, 0.1372 |
| CMYK | 0.22, 0.05, 0.00, 0.14 |
| HSL | 195°, 41%, 77% |
| HSV | 195°, 22%, 86% |
| XYZ | 52.2687, 58.9370, 76.3313 |
| YIQ | 198.3050, -25.9040, -4.1120 |

Conversions

Conversions Part 2

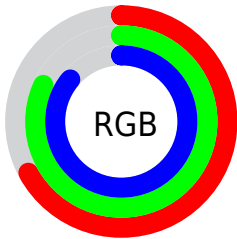
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 171, 192, 220 |
| Decimal | 11260124 |
| CIELab | 81.26, -9.57, -9.98 |
| CIELCh | 81, 13.829, 226.216 |
| Yxy | 58.9370, 0.2787, 0.3143 |
| Android (android.graphics.Color) | 4289450204 (0xFFABD0DC) |
| YUV | 198.3050, 10.6956, -23.9465 |
| Hunter-Lab | 76.7704, -12.8176, -5.2115 |

Details

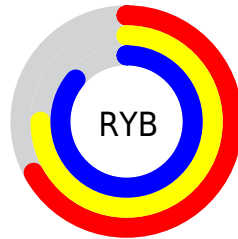
The XYZ color **52.2687, 58.9370, 76.3313** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.7999, 52.0230, 45.7351**, and the grayscale version is **53.8116, 56.6140, 61.6527**.

A 20% lighter version of the original color is **85.4886, 95.0709, 108.4525**, and **25.8183, 29.6794, 39.9652** is the 20% darker color. If you saturate the color by 10%, you get **46.5790, 54.0887, 75.6963**, and if you desaturate by 10%, it is **58.8041, 64.2905, 77.0211**.

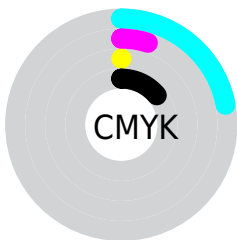
Distribution



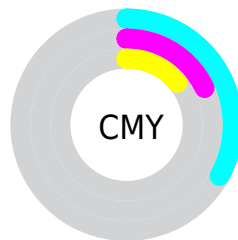
- Red (67%)
- Green (82%)
- Blue (86%)



- Red (67%)
- Yellow (75%)
- Blue (86%)



- Cyan (22%)
- Magenta (5%)
- Yellow (0%)
- Black (14%)



- Cyan (33%)
- Magenta (18%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.2687, 58.9370, 76.3313 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 52.2687, 58.9370, 76.3313 by changing the saturation by 10% instead.

■ 52.2687, 58.9370,
76.3313

■ 52.2687, 58.9370,
76.3313

385.7800,
420.6684, 501.8580

■ 37.4444, 42.5624,
56.1959

■ 92.6993, 103.2861,
129.9595

■ 25.7270, 29.5419,
39.9550

119.0363,
132.0294, 164.2894

■ 16.7511, 19.4912,
27.1899

149.9416,
165.6644, 204.1879

■ 10.1514, 12.0257,
17.4822

185.7806,
204.5754, 250.0735

■ 5.5625, 6.7612,
10.4133

226.9185,
249.1470, 302.3648

■ 2.6190, 3.3132,
5.5647

273.7209,

■ 0.9557, 1.2974,

299.7634, 361.4803

2.5178

326.5529,
356.8091, 427.8385

■ 0.0000, 0.1392,
0.8495

■ 0.0000, 0.0000,
0.0000

■ 52.2687, 58.9370,
76.3313

■ 52.2687, 58.9370,
76.3313

■ 46.5790, 54.0887,
75.6963

■ 58.8041, 64.2905,
77.0211

■ 41.6899, 49.7171,
75.1102

■ 66.2170, 70.1618,
77.7637

■ 37.5599, 45.8018,
74.5722

■ 74.5442, 76.5719,
78.5621

■ 34.1414, 42.3175,
74.0798

■ 82.3304, 82.7712,
79.3483

■ 31.3814, 39.2363,
73.6305

■ 83.8488, 85.8081,
79.8545

■ 29.2188, 36.5259,
73.2214

■ 85.4140, 88.9384,
80.3762

■ 27.5803, 34.1479,
72.8487

■ 87.0262, 92.1629,
80.9136

■ 26.5793, 32.4891,
72.5813

■ 88.6860, 95.4824,
81.4668

■ 89.9185, 97.9474,
81.8777

Harmonies

Analogous

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



50.8613, 58.9370, 68.7093



52.2687, 58.9370, 76.3313



54.7073, 58.9370, 80.8607

Triad

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



52.2687, 58.9370, 76.3313



61.5765, 58.9370, 68.0300



54.4838, 58.9370, 50.1021

Complementary

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



52.2687, 58.9370, 76.3313



53.7999, 52.0230, 45.7351

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.



57.3491, 58.9370, 49.9543



52.2687, 58.9370, 76.3313



61.5116, 58.9370, 59.8397

Square

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



52.2687, 58.9370, 76.3313



60.1164, 58.9370, 75.7974



59.9421, 58.9370, 53.3785



52.1099, 58.9370, 53.8012

Rectangle

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



52.2687, 58.9370, 76.3313



56.6203, 58.9370, 81.2859



59.9421, 58.9370, 53.3785



55.4197, 58.9370, 49.6470

Sweetspot

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



52.2705, 58.9394, 76.3326



87.4067, 94.0135, 108.1473



50.8772, 63.2408, 54.0174



18.5739, 20.0160, 23.1345



0.0000, 0.0000, 0.0000



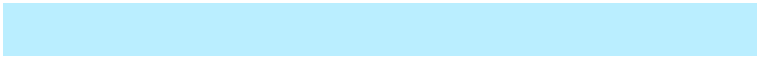
20.3446, 21.4041, 23.3091

Same Dimension

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



52.2705, 58.9394, 76.3326



68.9522, 78.9100, 106.2047



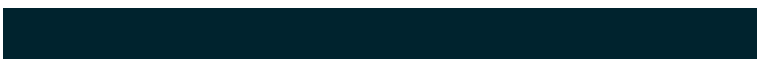
46.8683, 48.1351, 74.5319



13.1608, 14.2613, 16.7112



15.6904, 19.2502, 42.6271



1.0823, 1.3787, 2.7835

Inverse Universe

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



55.4647, 48.8968, 66.1920



74.2841, 62.6225, 89.1709



59.1636, 62.7504, 47.5230



13.4710, 13.2175, 15.7416



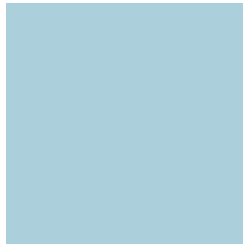
21.4151, 10.5671, 22.3638



1.4206, 0.6979, 1.6237

Previews

White Background



This preview shows how the XYZ color 52.2687, 58.9370, 76.3313 looks on a white background.

Color Contrast Check

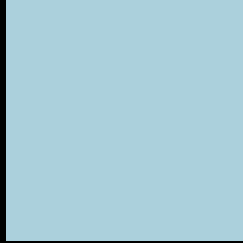
Large Text (above 18pt) WCAG AA × Fail

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 52.2687, 58.9370, 76.3313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

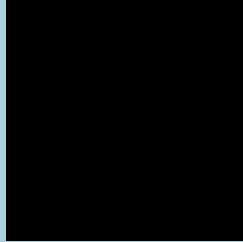
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.2687, 58.9370, 76.3313

Background



This preview shows how black text looks on a background with the XYZ color 52.2687, 58.9370, 76.3313.

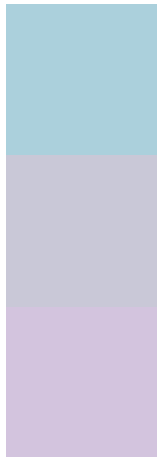


This preview shows how white text looks on a background with the XYZ color 52.2687, 58.9370,

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

52.2687, 58.9370, 76.3313

Protanopia

57.0074, 58.6324, 72.6025

Deuteranopia

59.7887, 58.6027, 77.2675



Tritanopia

52.7806, 58.7781, 79.0845

Trichromacy



Original Color

52.2687, 58.9370, 76.3313

Protanomaly

55.1155, 58.6688, 74.0649

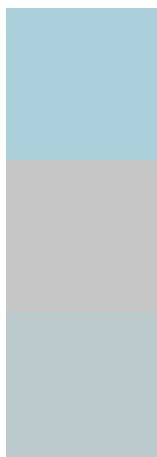
Deuteranomaly

56.4704, 58.2648, 76.6765

Tritanomaly

52.6454, 58.7240, 78.3722

Monochromacy



Original Color

52.2687, 58.9370, 76.3313

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.0001, 57.3887, 66.6762

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2687, 58.9370, 76.3313 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(171, 208, 220)` looks like.

```
.text, #text, p{  
    color:rgb(171, 208, 220)  
}
```

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(171, 208, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 208, 220) }
```

Border

The CSS property to change the border of an element to XYZ 52.2687, 58.9370, 76.3313 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(171, 208, 220) }
```


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

```
.border{ border-color:rgb(171, 208, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 208, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 208, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 208, 220);  
box-shadow:4px 4px 4px 4px rgb(171, 208,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2687, 58.9370, 76.3313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 208, 220) }
```

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

```
.background{ background-color: rgb(171,  
208, 220) }
```

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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