

Converting Colors

XYZ(52.3113, 58.5943, 76.9767)

Have a look what the booklet for
XYZ(52.3113, 58.5943, 76.9767)
contains.

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Color

**XYZ(52.3772, 58.6168,
76.9602)**

Conversions

Conversions Part 1

Format	Color
Hex	ACCFDD
RGB	172, 207, 221
RGB Percent	67%, 81%, 87%
CMY	0.3255, 0.1882, 0.1333
CMYK	0.22, 0.06, 0.00, 0.13
HSL	197°, 42%, 77%
HSV	197°, 22%, 87%
XYZ	52.3772, 58.6168, 76.9602
YIQ	198.1310, -25.3540, -3.0660

Conversions

Conversions Part 2

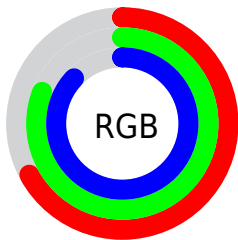
Format	Color
RYB	172, 192, 221
Decimal	11325405
CIELab	81.08, -8.53, -10.78
CIELCh	81, 13.740, 231.649
Yxy	58.6168, 0.2787, 0.3119
Android (android.graphics.Color)	4289515485 (0xFFACCFDD)
YUV	198.1310, 11.2744, -22.9169
Hunter-Lab	76.5616, -11.8677, -6.0055

Details

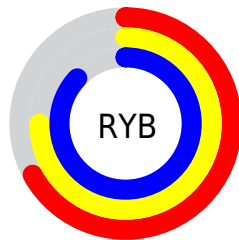
The XYZ color **52.3772, 58.6168, 76.9602** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.8246, 53.4685, 46.4617**, and the grayscale version is **53.7022, 56.4989, 61.5273**.

A 20% lighter version of the original color is **85.8049, 95.2340, 108.4673**, and **25.8819, 29.4576, 40.3982** is the 20% darker color. If you saturate the color by 10%, you get **46.4257, 53.3247, 76.2534**, and if you desaturate by 10%, it is **59.1999, 64.4518, 77.7278**.

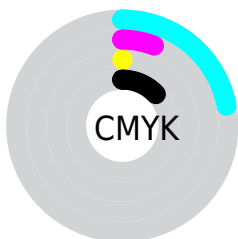
Distribution



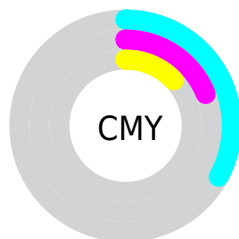
- Red (67%)
- Green (81%)
- Blue (87%)



- Red (67%)
- Yellow (75%)
- Blue (87%)



- Cyan (22%)
- Magenta (6%)
- Yellow (0%)
- Black (13%)



- Cyan (33%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.3772, 58.6168, 76.9602 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 52.3772, 58.6168, 76.9602 by changing the saturation by 10% instead.

■ 52.3772, 58.6168,
76.9602

■ 52.3772, 58.6168,
76.9602

386.1912,
419.4804, 504.0624

■ 37.5313, 42.3047,
56.7088

■ 92.8582, 102.8205,
130.8558

■ 25.7947, 29.3400,
40.3637

119.2241,
131.4809, 165.3371

■ 16.8020, 19.3382,
27.5063

150.1606,
165.0263, 205.3988

■ 10.1878, 11.9149,
17.7180

186.0332,
203.8409, 251.4595

■ 5.5869, 6.6857,
10.5804

227.2072,
248.3092, 303.9376

■ 2.6338, 3.2664,
5.6748

274.0480,

■ 0.9632, 1.2723,

298.8157, 363.2518

2.5828

326.9208,
355.7446, 429.8205

■ 0.0000, 0.1196,
0.8836

■ 0.0000, 0.0000,
0.0000

■ 52.3772, 58.6168,
76.9602

■ 52.3772, 58.6168,
76.9602

■ 46.4257, 53.3247,
76.2534

■ 59.1999, 64.4518,
77.7278

■ 41.2997, 48.5465,
75.6012

■ 66.9264, 70.8430,
78.5542

■ 36.9569, 44.2607,
75.0029

■ 75.5940, 77.8122,
79.4426

■ 33.3491, 40.4414,
74.4558

■ 83.2203, 84.3384,
80.3003

■ 30.4223, 37.0597,
73.9574

■ 85.0320, 87.9619,
80.9042

■ 28.1147, 34.0825,
73.5043

■ 86.9083, 91.7145,
81.5297

■ 26.3519, 31.4704,
73.0931

■ 88.8498, 95.5974,
82.1768

■ 25.2561, 29.6301,
72.7956

■ 90.0513, 98.0005,
82.5773

Harmonies

Analogous

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



50.7667, 58.6168, 69.7996



52.3772, 58.6168, 76.9602



54.9202, 58.6168, 80.6716

Triad

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



52.3772, 58.6168, 76.9602



61.3217, 58.6168, 66.1338



53.7133, 58.6168, 50.3013

Complementary

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



52.3772, 58.6168, 76.9602



54.8246, 53.4685, 46.4617

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.



56.5144, 58.6168, 49.5018



52.3772, 58.6168, 76.9602



60.9717, 58.6168, 58.1991

Square

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



52.3772, 58.6168, 76.9602



60.1292, 58.6168, 74.0812



59.1886, 58.6168, 52.2742



51.5195, 58.6168, 54.5597

Rectangle

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



52.3772, 58.6168, 76.9602



56.8290, 58.6168, 80.4881



59.1886, 58.6168, 52.2742



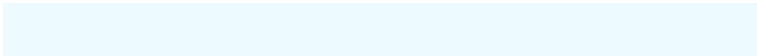
54.6127, 58.6168, 49.6345

Sweetspot

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



52.3789, 58.6192, 76.9615



87.1800, 93.5601, 108.0718



51.7213, 64.0248, 56.0225



18.5213, 19.9108, 23.1169



0.0000, 0.0000, 0.0000



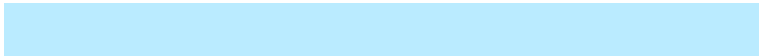
20.3446, 21.4041, 23.3091

Same Dimension

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



52.3789, 58.6192, 76.9615



68.1398, 77.2851, 105.9339



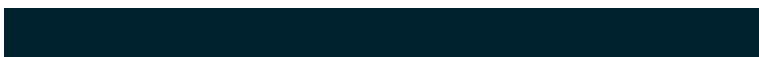
46.9200, 47.7013, 75.1419



13.1142, 14.1682, 16.6957



14.7726, 17.4146, 42.3212



1.0292, 1.2725, 2.7658

Inverse Universe

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



55.8352, 49.3835, 65.6234



73.8740, 62.4584, 87.0114



60.4076, 64.6345, 48.3227



13.4475, 13.2081, 15.6179



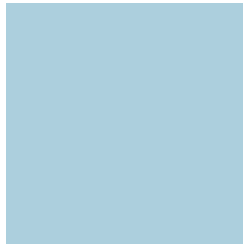
20.9518, 10.3818, 19.9242



1.3938, 0.6871, 1.4825

Previews

White Background



This preview shows how the XYZ color 52.3772, 58.6168, 76.9602 looks on a white background.

Color Contrast Check

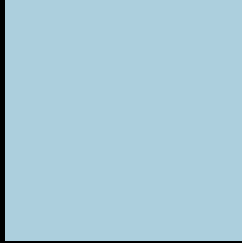
Large Text (above 18pt) WCAG AA × Fail

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 52.3772, 58.6168, 76.9602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

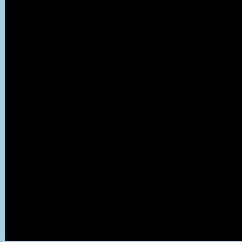
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.3772, 58.6168, 76.9602

Background



This preview shows how black text looks on a background with the XYZ color 52.3772, 58.6168, 76.9602.



This preview shows how white text looks on a background with the XYZ color 52.3772, 58.6168,

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

52.3772, 58.6168, 76.9602

Protanopia

56.8684, 58.5458, 73.2689

Deuteranopia

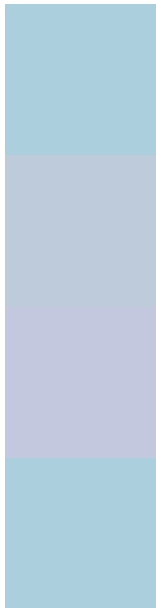
59.6376, 58.5092, 77.9622



Tritanopia

52.6454, 58.7240, 78.3722

Trichromacy



Original Color

52.3772, 58.6168, 76.9602

Protanomaly

55.2460, 58.7210, 74.7522

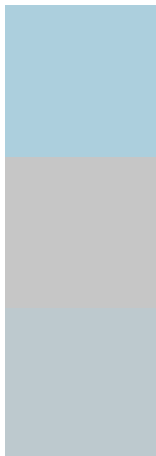
Deuteranomaly

56.6040, 58.3182, 77.3804

Tritanomaly

52.5109, 58.6702, 77.6641

Monochromacy



Original Color

52.3772, 58.6168, 76.9602

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.0135, 57.0483, 66.6098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3772, 58.6168, 76.9602 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(172, 207, 221)` looks like.

```
.text, #text, p{  
    color:rgb(172, 207, 221)  
}
```

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(172, 207, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 207, 221) }
```

Border

The CSS property to change the border of an element to XYZ 52.3772, 58.6168, 76.9602 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(172, 207, 221) }
```


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

```
.border{ border-color:rgb(172, 207, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 207, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 207, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 207, 221);  
box-shadow:4px 4px 4px 4px rgb(172, 207,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3772, 58.6168, 76.9602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 207, 221) }
```

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

```
.background{ background-color: rgb(172,  
207, 221) }
```

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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