

Converting Colors

XYZ(52.2539, 59.8508, 78.6110)

Have a look what the booklet for
XYZ(52.2539, 59.8508, 78.6110)
contains.

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Color

**XYZ(52.3394, 60.0232,
78.6391)**

Conversions

Conversions Part 1

Format	Color
Hex	A6D3DF
RGB	166, 211, 223
RGB Percent	65%, 83%, 87%
CMY	0.3490, 0.1725, 0.1255
CMYK	0.26, 0.05, 0.00, 0.13
HSL	193°, 47%, 76%
HSV	193°, 26%, 87%
XYZ	52.3394, 60.0232, 78.6391
YIQ	198.9130, -30.6720, -5.8080

Conversions

Conversions Part 2

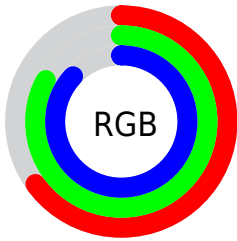
Format	Color
RYB	166, 191, 223
Decimal	10933215
CIELab	81.85, -11.94, -10.73
CIELCh	82, 16.058, 221.943
Yxy	60.0232, 0.2740, 0.3143
Android (android.graphics.Color)	4289123295 (0xFFA6D3DF)
YUV	198.9130, 11.8749, -28.8647
Hunter-Lab	77.4746, -14.9917, -5.9489

Details

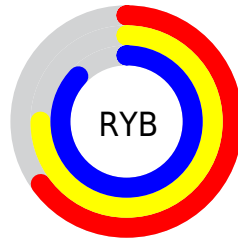
The XYZ color **52.3394, 60.0232, 78.6391** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.2354, 50.2823, 42.9773**, and the grayscale version is **54.1774, 56.9989, 62.0718**.

A 20% lighter version of the original color is **83.9342, 94.2696, 108.3798**, and **25.7664, 30.1148, 41.5005** is the 20% darker color. If you saturate the color by 10%, you get **46.9152, 55.5225, 78.0573**, and if you desaturate by 10%, it is **58.6117, 65.0147, 79.2730**.

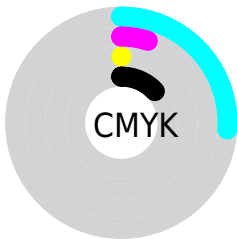
Distribution



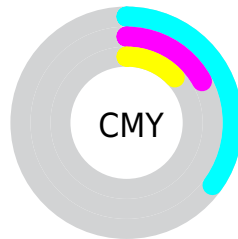
- Red (65%)
- Green (83%)
- Blue (87%)



- Red (65%)
- Yellow (75%)
- Blue (87%)



- Cyan (26%)
- Magenta (5%)
- Yellow (0%)
- Black (13%)



- Cyan (35%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.3394, 60.0232, 78.6391 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 52.3394, 60.0232, 78.6391 by changing the saturation by 10% instead.

■ 52.3394, 60.0232,
78.6391

■ 52.3394, 60.0232,
78.6391

386.0480,
424.6833, 509.9199

■ 37.5010, 43.4373,
58.0796

■ 92.8029, 104.8633,
133.2447

■ 25.7711, 30.2284,
41.4575

■ 119.1587,
133.8864, 168.1279

■ 16.7843, 20.0120,
28.3543

150.0843,
167.8239, 208.6227

■ 10.1751, 12.4038,
18.3516

185.9452,
207.0604, 255.1476

■ 5.5784, 7.0193,
11.0306

227.1066,
251.9802, 308.1213

■ 2.6287, 3.4742,
5.9730

273.9340,

■ 0.9606, 1.3840,

302.9677, 367.9622

2.7602

326.7927,
360.4072, 435.0889

■ 0.0000, 0.2049,
0.9735

■ 0.0000, 0.0000,
0.0000

■ 52.3394, 60.0232,
78.6391

■ 52.3394, 60.0232,
78.6391

■ 46.9152, 55.5225,
78.0573

■ 58.6117, 65.0147,
79.2730

■ 42.2918, 51.4831,
77.5213

■ 65.7659, 70.5104,
79.9567

■ 38.4249, 47.8836,
77.0303

■ 73.8405, 76.5318,
80.6933

■ 35.2640, 44.6972,
76.5818

■ 82.7949, 83.0587,
81.4812

■ 32.7519, 41.8941,
76.1732

■ 84.1172, 85.7032,
81.9220

■ 30.8222, 39.4396,
75.8011

■ 85.4749, 88.4186,
82.3745

■ 29.3931, 37.2911,
75.4618

■ 86.8683, 91.2055,
82.8390

■ 28.8572, 36.4032,
75.3186

■ 88.2977, 94.0642,
83.3155

■ 89.7633, 96.9954,
83.8040

Harmonies

Analogous

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



50.9096, 60.0232, 69.2937



52.3394, 60.0232, 78.6391



55.0542, 60.0232, 84.7521

Triad

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



52.3394, 60.0232, 78.6391



63.4725, 60.0232, 71.3118



55.7123, 60.0232, 48.7445

Complementary

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



52.3394, 60.0232, 78.6391



53.2354, 50.2823, 42.9773

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.



59.0939, 60.0232, 49.1693



52.3394, 60.0232, 78.6391



63.6658, 60.0232, 61.5686

Square

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



52.3394, 60.0232, 78.6391



61.5175, 60.0232, 80.2419



62.0356, 60.0232, 53.6582



52.8047, 60.0232, 52.4337

Rectangle

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



52.3394, 60.0232, 78.6391



57.2715, 60.0232, 85.8369



62.0356, 60.0232, 53.6582



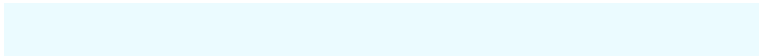
56.8296, 60.0232, 48.4218

Sweetspot

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



52.3412, 60.0256, 78.6405



86.5845, 93.6250, 108.1157



50.0905, 64.0738, 51.5330



18.2112, 19.7941, 23.1107



0.0000, 0.0000, 0.0000



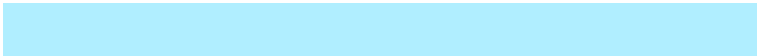
20.3446, 21.4041, 23.3091

Same Dimension

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



52.3412, 60.0256, 78.6405



66.6230, 77.8039, 106.1140



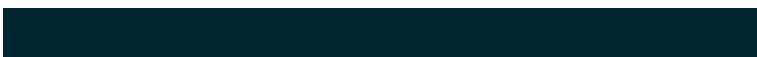
46.0005, 47.3442, 76.5269



13.8589, 15.0569, 17.5635



17.0519, 21.5733, 44.3137



1.2440, 1.6195, 3.0923

Inverse Universe

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



55.8269, 47.6649, 67.8886



72.2413, 58.4854, 88.6487



59.3627, 62.5368, 45.0197



14.1650, 13.8836, 16.6390



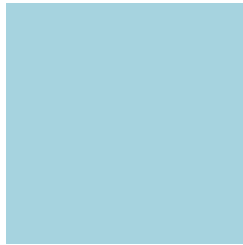
22.5472, 11.0859, 25.3451



1.5942, 0.7809, 1.9218

Previews

White Background



This preview shows how the XYZ color 52.3394, 60.0232, 78.6391 looks on a white background.

Color Contrast Check

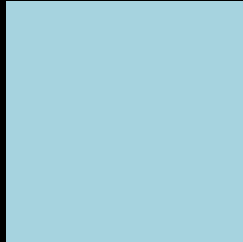
Large Text (above 18pt) WCAG AA × Fail

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 52.3394, 60.0232, 78.6391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

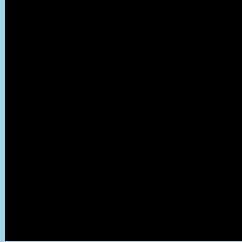
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.3394, 60.0232, 78.6391

Background



This preview shows how black text looks on a background with the XYZ color 52.3394, 60.0232, 78.6391.

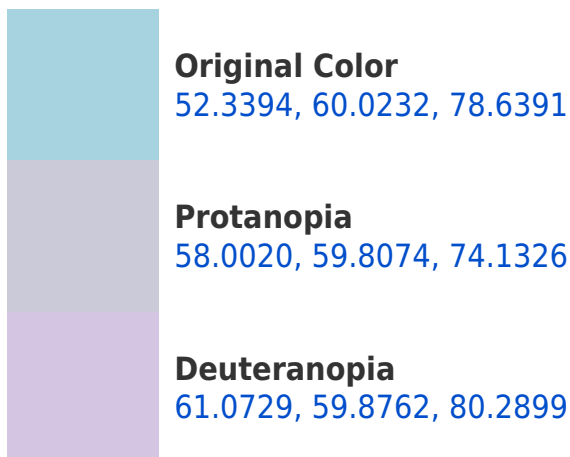


This preview shows how white text looks on a background with the XYZ color 52.3394, 60.0232,

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

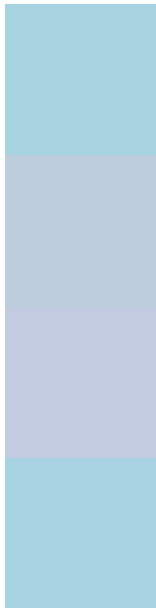




Tritanopia

52.8481, 59.8547, 81.4408

Trichromacy



Original Color

52.3394, 60.0232, 78.6391

Protanomaly

55.6038, 59.5959, 75.5904

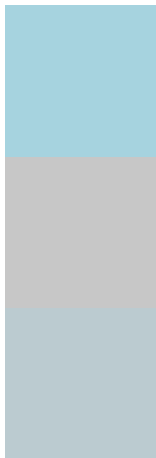
Deuteranomaly

57.4522, 59.7502, 79.7391

Tritanomaly

52.7104, 59.7997, 80.7159

Monochromacy



Original Color

52.3394, 60.0232, 78.6391

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.2346, 57.8307, 68.0312

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3394, 60.0232, 78.6391 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, 211, 223)` looks like.

```
.text, #text, p{  
    color:rgb(166, 211, 223)  
}
```

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, 211, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 211, 223) }
```

Border

The CSS property to change the border of an element to XYZ 52.3394, 60.0232, 78.6391 is called "border". The border property can be set on classes, ids or directly on the HTML element.

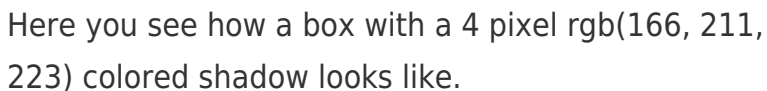
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(166, 211, 223) }
```


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

```
.border{ border-color:rgb(166, 211, 223) }
```

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



Here you see how a box with a 4 pixel `rgb(166, 211, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 211, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 211, 223); box-shadow:4px 4px 4px 4px rgb(166, 211, 223) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3394, 60.0232, 78.6391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 211, 223) }
```

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

```
.background{ background-color: rgb(166,  
211, 223) }
```

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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