

Converting Colors

XYZ(51.9682, 56.0800, 78.4854)

Have a look what the booklet for
XYZ(51.9682, 56.0800, 78.4854)
contains.

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Color

**XYZ(52.0204, 56.2691,
78.6403)**

Conversions

Conversions Part 1

Format	Color
Hex	AFC9E0
RGB	175, 201, 224
RGB Percent	69%, 79%, 88%
CMY	0.3137, 0.2117, 0.1216
CMYK	0.22, 0.10, 0.00, 0.12
HSL	208°, 44%, 78%
HSV	208°, 22%, 88%
XYZ	52.0204, 56.2691, 78.6403
YIQ	195.8480, -22.8790, 1.6410

Conversions

Conversions Part 2

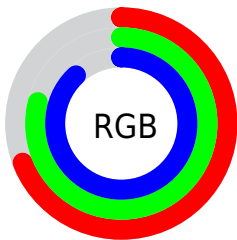
Format	Color
RYB	175, 192, 224
Decimal	11520480
CIELab	79.77, -3.80, -14.33
CIELCh	80, 14.822, 255.163
Yxy	56.2691, 0.2783, 0.3010
Android (android.graphics.Color)	4289710560 (0xFFAFC9E0)
YUV	195.8480, 13.8789, -18.2837
Hunter-Lab	75.0127, -7.4847, -9.6483

Details

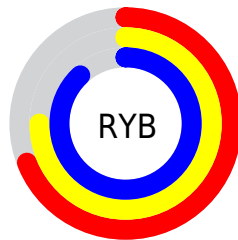
The XYZ color **52.0204, 56.2691, 78.6403** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.6730, 59.3307, 48.9183**, and the grayscale version is **52.3090, 55.0331, 59.9310**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **25.6212, 27.8696, 41.5651** is the 20% darker color. If you saturate the color by 10%, you get **45.0366, 49.1555, 77.6362**, and if you desaturate by 10%, it is **60.0093, 64.1527, 79.7419**.

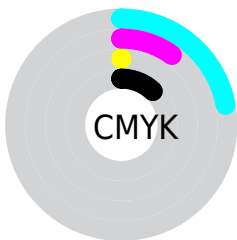
Distribution



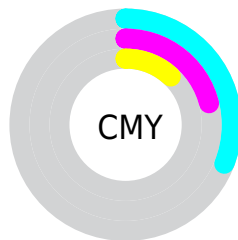
- Red (69%)
- Green (79%)
- Blue (88%)



- Red (69%)
- Yellow (75%)
- Blue (88%)



- Cyan (22%)
- Magenta (10%)
- Yellow (0%)
- Black (12%)



- Cyan (31%)
- Magenta (21%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.0204, 56.2691, 78.6403 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 52.0204, 56.2691, 78.6403 by changing the saturation by 10% instead.

■ 52.0204, 56.2691,
78.6403

■ 52.0204, 56.2691,
78.6403

384.8380,
410.7048, 509.9241

■ 37.2457, 40.4187,
58.0805

■ 92.3354, 99.3979,
133.2464

■ 25.5723, 27.8652,
41.4583

118.6063,
127.4451, 168.1299

■ 16.6350, 18.2240,
28.3550

149.4401,
160.3268, 208.6250

■ 10.0683, 11.1110,
18.3520

185.2020,
198.4272, 255.1503

■ 5.5068, 6.1415,
11.0310

226.2573,
242.1308, 308.1243

■ 2.5854, 2.9313,
5.9732

272.9716,

■ 0.9385, 1.0960,

291.8221, 367.9655

2.7603

325.7100,
347.8853, 435.0926

■ 0.0000, 0.0000,
0.9736

■ 0.0000, 0.0000,
0.0000

■ 52.0204, 56.2691,
78.6403

■ 52.0204, 56.2691,
78.6403

■ 45.0366, 49.1555,
77.6362

■ 60.0093, 64.1527,
79.7419

■ 39.0084, 42.7772,
76.7228

■ 69.0397, 72.8257,
80.9399

■ 33.8895, 37.1067,
75.8981

■ 79.1524, 82.3151,
82.2386

■ 29.6274, 32.1115,
75.1586

■ 86.7625, 90.7774,
83.4709

■ 26.1635, 27.7561,
74.5005

■ 90.0004, 97.2533,
84.5502

■ 23.4310, 24.0005,
73.9196

■ 90.4547, 98.1619,
84.7016

■ 21.3506, 20.7976,
73.4110

■ 20.0359, 18.5443,
73.0454

Harmonies

Analogous

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



49.5220, 56.2691, 73.7277



52.0204, 56.2691, 78.6403



55.0032, 56.2691, 78.6116

Triad

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



52.0204, 56.2691, 78.6403



59.2374, 56.2691, 57.0525



49.5000, 56.2691, 50.3549

Complementary

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



52.0204, 56.2691, 78.6403



58.6730, 59.3307, 48.9183

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.



51.9893, 56.2691, 46.6828



52.0204, 56.2691, 78.6403



57.6478, 56.2691, 50.2967

Square

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



52.0204, 56.2691, 78.6403



59.2465, 56.2691, 65.5902



54.9709, 56.2691, 46.6625



48.1043, 56.2691, 57.1390

Rectangle

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



52.0204, 56.2691, 78.6403



56.8689, 56.2691, 75.7697



54.9709, 56.2691, 46.6625



50.2325, 56.2691, 48.7449

Sweetspot

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



52.0221, 56.2714, 78.6416



86.1705, 91.5411, 107.7353



54.5137, 66.4974, 63.3088



18.2873, 19.4428, 23.0389



0.0000, 0.0000, 0.0000



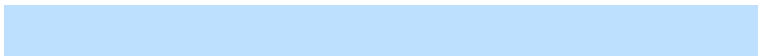
20.3446, 21.4041, 23.3091

Same Dimension

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



52.0221, 56.2714, 78.6416



65.5861, 71.2488, 104.9034



46.7848, 45.7967, 76.8958



13.5512, 14.4415, 17.4609



11.7784, 11.0264, 42.5559



0.9059, 0.9432, 2.9795

Inverse Universe

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



56.6145, 50.7257, 62.0681



72.8118, 62.9017, 78.7413



64.6981, 71.3810, 50.9267



14.0097, 13.8215, 15.8211



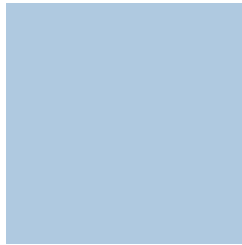
19.8854, 10.0212, 11.3282



1.4235, 0.7127, 1.0229

Previews

White Background



This preview shows how the XYZ color 52.0204, 56.2691, 78.6403 looks on a white background.

Color Contrast Check

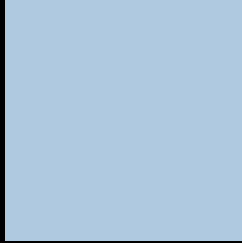
Large Text (above 18pt) WCAG AA × Fail

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 52.0204, 56.2691, 78.6403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

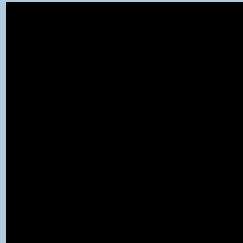
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

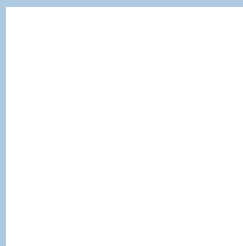
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.0204, 56.2691, 78.6403

Background



This preview shows how black text looks on a background with the XYZ color 52.0204, 56.2691, 78.6403.



This preview shows how white text looks on a background with the XYZ color 52.0204, 56.2691,

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

52.0204, 56.2691, 78.6403

Protanopia

55.0392, 56.1696, 76.3476

Deuteranopia

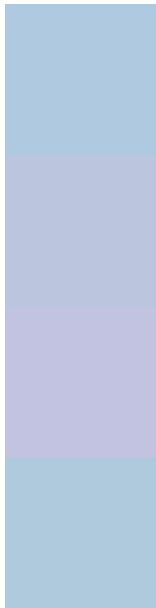
57.2057, 55.8868, 79.7237



Tritanopia

51.2310, 56.3017, 74.4968

Trichromacy



Original Color

52.0204, 56.2691, 78.6403

Protanomaly

53.8724, 56.2269, 77.1207

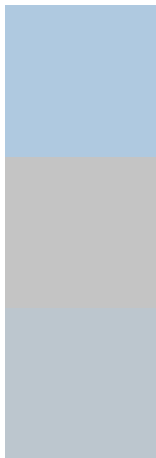
Deuteranomaly

55.0980, 55.8039, 79.1014

Tritanomaly

51.4944, 56.4070, 75.8838

Monochromacy



Original Color

52.0204, 56.2691, 78.6403

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.0737, 55.5358, 66.3674

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0204, 56.2691, 78.6403 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(175, 201, 224)` looks like.

```
.text, #text, p{  
    color:rgb(175, 201, 224)  
}
```

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(175, 201, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 201, 224) }
```

Border

The CSS property to change the border of an element to XYZ 52.0204, 56.2691, 78.6403 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(175, 201, 224) }
```


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

```
.border{ border-color:rgb(175, 201, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 201, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 201, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 201, 224);  
box-shadow:4px 4px 4px 4px rgb(175, 201,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0204, 56.2691, 78.6403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 201, 224) }
```

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

```
.background{ background-color: rgb(175,  
201, 224) }
```

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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