

Converting Colors

XYZ(52.4727, 56.5022, 78.6614)

Have a look what the booklet for
XYZ(52.4727, 56.5022, 78.6614)
contains.

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Color

**XYZ(52.4727, 56.5022,
78.6614)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B1C9E0 |
| RGB | 177, 201, 224 |
| RGB Percent | 69%, 79%, 88% |
| CMY | 0.3059, 0.2117, 0.1216 |
| CMYK | 0.21, 0.10, 0.00, 0.12 |
| HSL | 209°, 43%, 79% |
| HSV | 209°, 21%, 88% |
| XYZ | 52.4727, 56.5022, 78.6614 |
| YIQ | 196.4460, -21.6870, 2.0650 |

Conversions

Conversions Part 2

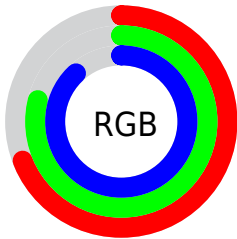
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 177, 193, 224 |
| Decimal | 11651552 |
| CIE Lab | 79.90, -3.18, -14.12 |
| CIE LCh | 80, 14.470, 257.294 |
| Yxy | 56.5022, 0.2797, 0.3011 |
| Android (android.graphics.Color) | 4289841632 (0xFFB1C9E0) |
| YUV | 196.4460, 13.5841, -17.0541 |
| Hunter-Lab | 75.1679, -6.9379, -9.4280 |

Details

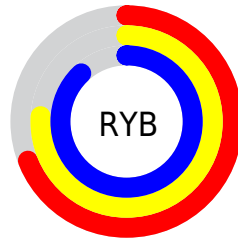
The XYZ color **52.4727, 56.5022, 78.6614** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.3312, 60.3305, 50.1143**, and the grayscale version is **52.6688, 55.4117, 60.3433**.

A 20% lighter version of the original color is **87.4143, 96.0636, 108.5427**, and **25.9073, 28.0171, 41.5785** is the 20% darker color. If you saturate the color by 10%, you get **45.3190, 49.1568, 77.6216**, and if you desaturate by 10%, it is **60.6497, 64.6486, 79.8038**.

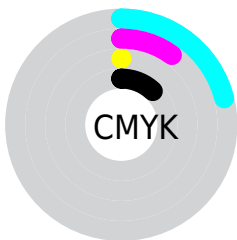
Distribution



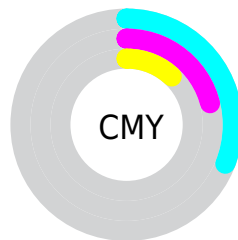
- Red (69%)
- Green (79%)
- Blue (88%)



- Red (69%)
- Yellow (76%)
- Blue (88%)



- Cyan (21%)
- Magenta (10%)
- Yellow (0%)
- Black (12%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4727, 56.5022, 78.6614 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 52.4727, 56.5022, 78.6614 by changing the saturation by 10% instead.

■ 52.4727, 56.5022,
78.6614

■ 52.4727, 56.5022,
78.6614

386.5528,
411.5814, 509.9974

■ 37.6078, 40.6057,
58.0978

■ 92.9981, 99.7385,
133.2764

■ 25.8542, 28.0111,
41.4720

119.3893,
127.8470, 168.1649

■ 16.8467, 18.3340,
28.3656

150.3533,
160.7951, 208.6654

■ 10.2199, 11.1901,
18.3600

186.2555,
198.9670, 255.1965

■ 5.6084, 6.1948,
11.0367

227.4612,
242.7472, 308.1767

■ 2.6468, 2.9639,
5.9770

274.3357,

■ 0.9699, 1.1129,

292.5201, 368.0246

2.7625

327.2445,
348.6700, 435.1586

■ 0.0000, 0.0000,
0.9747

■ 0.0000, 0.0000,
0.0000

■ 52.4727, 56.5022,
78.6614

■ 52.4727, 56.5022,
78.6614

■ 45.3190, 49.1568,
77.6216

■ 60.6497, 64.6486,
79.8038

■ 39.1388, 42.5770,
76.6773

■ 69.8865, 73.6160,
81.0478

■ 33.8857, 36.7344,
75.8264

■ 80.2240, 83.4324,
82.3977

■ 29.5071, 31.5959,
75.0654

■ 87.3009, 91.8543,
83.6503

■ 25.9446, 27.1253,
74.3902

■ 90.4547, 98.1619,
84.7016

■ 23.1318, 23.2817,
73.7966

■ 20.9899, 20.0179,
73.2795

■ 19.5165, 17.5054,
72.8722

Harmonies

Analogous

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



49.9686, 56.5022, 74.1703



52.4727, 56.5022, 78.6614



55.3978, 56.5022, 78.2678

Triad

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



52.4727, 56.5022, 78.6614



59.2705, 56.5022, 56.8435



49.6649, 56.5022, 51.2037

Complementary

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



52.4727, 56.5022, 78.6614



59.3312, 60.3305, 50.1143

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.



52.0444, 56.5022, 47.3521



52.4727, 56.5022, 78.6614



57.6203, 56.5022, 50.3989

Square

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



52.4727, 56.5022, 78.6614



59.3954, 56.5022, 65.1427



54.9537, 56.5022, 47.0715



48.3876, 56.5022, 58.0366

Rectangle

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



52.4727, 56.5022, 78.6614



57.1939, 56.5022, 75.2863



54.9537, 56.5022, 47.0715



50.3584, 56.5022, 49.5455

Sweetspot

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



52.4744, 56.5045, 78.6627



87.3014, 92.5288, 107.8663



55.1806, 66.8164, 64.4599



18.5124, 19.6362, 23.0644



0.0000, 0.0000, 0.0000



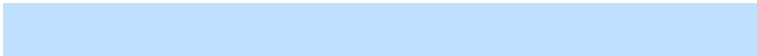
20.3446, 21.4041, 23.3091

Same Dimension

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



52.4744, 56.5045, 78.6627



66.2023, 71.5358, 104.9263



47.4647, 46.4851, 76.9928



13.5279, 14.3948, 17.4532



11.4754, 10.4204, 42.4549



0.8850, 0.9014, 2.9726

Inverse Universe

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



57.0067, 51.5101, 62.1987



73.3536, 64.0020, 78.8706



65.1229, 71.9138, 52.0449



13.9979, 13.8168, 15.7592



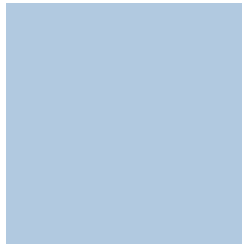
19.7325, 9.9600, 10.5228



1.4130, 0.7085, 0.9675

Previews

White Background



This preview shows how the XYZ color 52.4727, 56.5022, 78.6614 looks on a white background.

Color Contrast Check

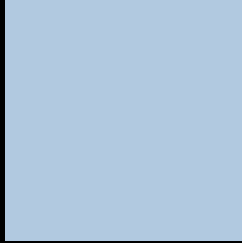
Large Text (above 18pt) WCAG AA × Fail

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 52.4727, 56.5022, 78.6614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

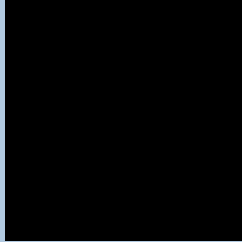
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

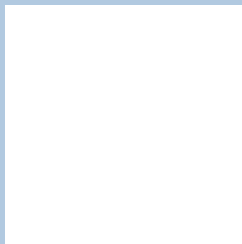
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.4727, 56.5022, 78.6614

Background



This preview shows how black text looks on a background with the XYZ color 52.4727, 56.5022, 78.6614.



This preview shows how white text looks on a background with the XYZ color 52.4727, 56.5022,

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

52.4727, 56.5022, 78.6614

Protanopia

55.0392, 56.1696, 76.3476

Deuteranopia

57.6993, 56.4683, 79.8099



Tritanopia

51.6799, 56.5331, 74.5178

Trichromacy



Original Color

52.4727, 56.5022, 78.6614

Protanomaly

54.1179, 56.3535, 77.1322

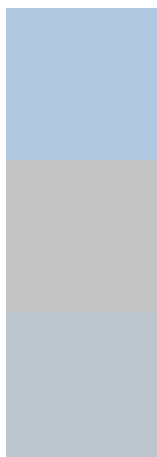
Deuteranomaly

55.5787, 56.3854, 79.1883

Tritanomaly

51.9433, 56.6385, 75.9048

Monochromacy



Original Color

52.4727, 56.5022, 78.6614

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.3209, 55.6632, 66.3790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4727, 56.5022, 78.6614 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(177, 201, 224)` looks like.

```
.text, #text, p{  
    color:rgb(177, 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(177, 201, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 201, 224) }
```

Border

The CSS property to change the border of an element to XYZ 52.4727, 56.5022, 78.6614 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(177, 201, 224) }
```


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

```
.border{ border-color:rgb(177, 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(177, 201, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 201, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 201, 224);  
box-shadow:4px 4px 4px 4px rgb(177, 201,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4727, 56.5022, 78.6614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 201, 224) }
```

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

```
.background{ background-color: rgb(177,  
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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