

Converting Colors

XYZ(53.3610, 58.7052, 76.1110)

Have a look what the booklet for
XYZ(53.3610, 58.7052, 76.1110)
contains.

XYZ(53.3497, 58.7749, 76.2430)	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(53.3497, 58.7749,
76.2430)**

Conversions

Conversions Part 1

Format	Color
Hex	B2CEDC
RGB	178, 206, 220
RGB Percent	70%, 81%, 86%
CMY	0.3020, 0.1921, 0.1372
CMYK	0.19, 0.06, 0.00, 0.14
HSL	200°, 38%, 78%
HSV	200°, 19%, 86%
XYZ	53.3497, 58.7749, 76.2430
YIQ	199.2240, -21.1820, -1.5820

Conversions

Conversions Part 2

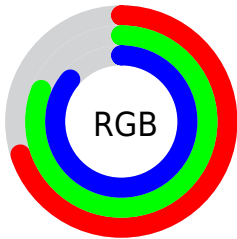
Format	Color
RYB	178, 195, 220
Decimal	11718364
CIELab	81.17, -6.38, -10.07
CIElCh	81, 11.920, 237.644
Yxy	58.7749, 0.2832, 0.3120
Android (android.graphics.Color)	4289908444 (0xFFB2CEDC)
YUV	199.2240, 10.2426, -18.6134
Hunter-Lab	76.6648, -9.9483, -5.2984

Details

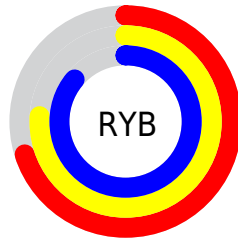
The XYZ color **53.3497, 58.7749, 76.2430** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.4013, 56.1294, 49.9822**, and the grayscale version is **54.3732, 57.2048, 62.2960**.

A 20% lighter version of the original color is **87.7417, 96.2324, 108.5580**, and **26.4772, 29.5331, 39.9023** is the 20% darker color. If you saturate the color by 10%, you get **46.9773, 52.9317, 75.4520**, and if you desaturate by 10%, it is **60.6175, 65.2050, 77.1020**.

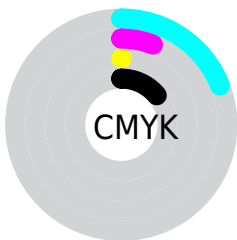
Distribution



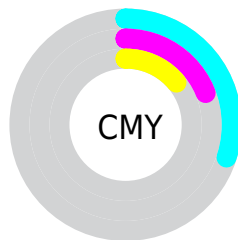
- Red (70%)
- Green (81%)
- Blue (86%)



- Red (70%)
- Yellow (76%)
- Blue (86%)



- Cyan (19%)
- Magenta (6%)
- Yellow (0%)
- Black (14%)



- Cyan (30%)
- Magenta (19%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3497, 58.7749, 76.2430 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 53.3497, 58.7749, 76.2430 by changing the saturation by 10% instead.

■ 53.3497, 58.7749,
76.2430

■ 53.3497, 58.7749,
76.2430

389.8643,
420.0672, 501.5481

■ 38.3106, 42.4319,
56.1239

■ 94.2813, 103.0504,
129.8336

■ 26.4022, 29.4397,
39.8976

120.9044,
131.7518, 164.1422

■ 17.2590, 19.4137,
27.1456

152.1196,
165.3414, 204.0177

■ 10.5158, 11.9696,
17.4492

188.2923,
204.2037, 249.8787

■ 5.8071, 6.7230,
10.3899

229.7877,
248.7230, 302.1437

■ 2.7677, 3.2895,
5.5493

276.9713,

■ 1.0321, 1.2847,

299.2838, 361.2312

2.5087

330.2084,
356.2704, 427.5598

■ 0.0000, 0.1293,
0.8448

■ 0.0000, 0.0000,
0.0000

■ 53.3497, 58.7749,
76.2430

■ 53.3497, 58.7749,
76.2430

■ 46.9773, 52.9317,
75.4520

■ 60.6175, 65.2050,
77.1020

■ 41.4554, 47.6460,
74.7228

■ 68.8125, 72.2354,
78.0271

■ 36.7430, 42.8966,
74.0544

■ 77.9712, 79.8880,
79.0215

■ 32.7933, 38.6576,
73.4444

■ 83.9621, 86.0346,
79.8922

■ 29.5545, 34.9005,
72.8899

■ 86.1087, 90.3280,
80.6077

■ 26.9677, 31.5931,
72.3878

■ 88.3430, 94.7965,
81.3525

■ 24.9633, 28.6978,
71.9346

■ 89.9184, 97.9474,
81.8776

■ 23.4314, 26.1561,
71.5247

■ 23.3026, 25.9357,
71.4890

Harmonies

Analogous

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



51.7440, 58.7749, 70.5456



53.3497, 58.7749, 76.2430



55.6679, 58.7749, 78.6383

Triad

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



53.3497, 58.7749, 76.2430



60.7665, 58.7749, 64.5592



53.6798, 58.7749, 52.6413

Complementary

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



53.3497, 58.7749, 76.2430



56.4013, 56.1294, 49.9822

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.



56.0601, 58.7749, 51.2942



53.3497, 58.7749, 76.2430



60.1966, 58.7749, 57.8647

Square

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



53.3497, 58.7749, 76.2430



59.9907, 58.7749, 71.5887



58.4556, 58.7749, 53.1360



51.9306, 58.7749, 56.9598

Rectangle

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



53.3497, 58.7749, 76.2430



57.3220, 58.7749, 77.9166



58.4556, 58.7749, 53.1360



54.4305, 58.7749, 51.8406

Sweetspot

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



53.3514, 58.7773, 76.2443



88.0382, 94.0025, 108.1119



53.3915, 64.4273, 59.0864



18.6867, 19.9847, 23.1225



0.0000, 0.0000, 0.0000



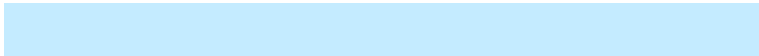
20.3446, 21.4041, 23.3091

Same Dimension

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



53.3514, 58.7773, 76.2443



70.7444, 78.6794, 106.0658



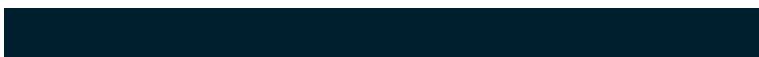
48.7754, 49.6251, 74.7190



13.0603, 14.0603, 16.6777



13.7822, 15.4338, 41.9910



0.9708, 1.1558, 2.7464

Inverse Universe

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



56.5776, 51.5141, 65.3565



76.1200, 66.9223, 87.8466



61.1707, 65.6682, 51.5720



13.4203, 13.1972, 15.4745



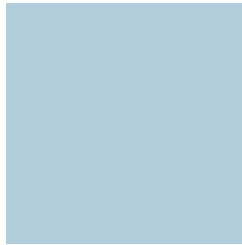
20.4519, 10.1818, 17.2918



1.3643, 0.6754, 1.3275

Previews

White Background



This preview shows how the XYZ color 53.3497, 58.7749, 76.2430 looks on a white background.

Color Contrast Check

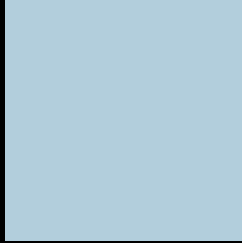
Large Text (above 18pt) WCAG AA × Fail

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 53.3497, 58.7749, 76.2430 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

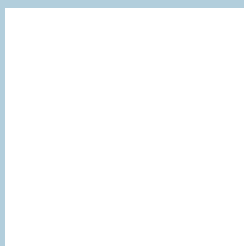
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.3497, 58.7749, 76.2430

Background



This preview shows how black text looks on a background with the XYZ color 53.3497, 58.7749, 76.2430.



This preview shows how white text looks on a background with the XYZ color 53.3497, 58.7749,

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

53.3497, 58.7749, 76.2430

Protanopia

56.8684, 58.5458, 73.2689

Deuteranopia

59.7887, 58.6027, 77.2675



Tritanopia

53.6162, 58.8815, 77.6466

Trichromacy



Original Color

53.3497, 58.7749, 76.2430

Protanomaly

55.3831, 58.4573, 74.0100

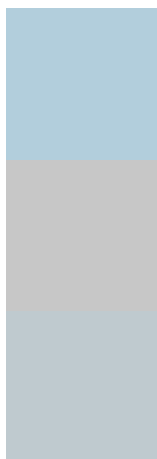
Deuteranomaly

57.2586, 58.6711, 76.7134

Tritanomaly

53.4825, 58.8280, 76.9427

Monochromacy



Original Color

53.3497, 58.7749, 76.2430

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.8689, 57.8224, 67.3531

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3497, 58.7749, 76.2430 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(178, 206, 220)` looks like.

```
.text, #text, p{  
    color:rgb(178, 206, 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(178, 206, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 206, 220) }
```

Border

The CSS property to change the border of an element to XYZ 53.3497, 58.7749, 76.2430 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(178, 206, 220) }
```


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

```
.border{ border-color:rgb(178, 206, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 206, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 206, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 206, 220);  
box-shadow:4px 4px 4px 4px rgb(178, 206,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3497, 58.7749, 76.2430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 206, 220) }
```

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

```
.background{ background-color: rgb(178,  
206, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor