

Converting Colors

XYZ(53.7412, 56.6813, 84.7406)

Have a look what the booklet for
XYZ(53.7412, 56.6813, 84.7406)
contains.

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Color

**XYZ(53.5799, 56.5997,
84.4448)**

Conversions

Conversions Part 1

Format	Color
Hex	B2C8E8
RGB	178, 200, 232
RGB Percent	70%, 78%, 91%
CMY	0.3019, 0.2157, 0.0902
CMYK	0.23, 0.14, 0.00, 0.09
HSL	216°, 54%, 80%
HSV	216°, 23%, 91%
XYZ	53.5799, 56.5997, 84.4448
YIQ	197.0700, -23.3840, 5.2880

Conversions

Conversions Part 2

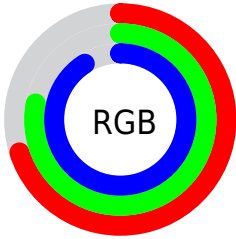
Format	Color
R _Y B	178, 194, 232
Decimal	11716840
CIE Lab	79.95, -0.56, -18.32
CIE LCh	80, 18.324, 268.263
Yxy	56.5997, 0.2753, 0.2908
Android (android.graphics.Color)	4289906920 (0xFFB2C8E8)
YUV	197.0700, 17.2205, -16.7244
Hunter-Lab	75.2328, -4.5317, -13.8869

Details

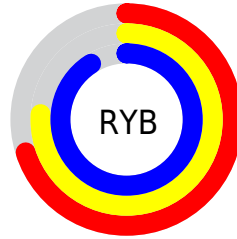
The XYZ color **53.5799, 56.5997, 84.4448** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.3620, 66.4638, 51.5576**, and the grayscale version is **53.0240, 55.7854, 60.7503**.

A 20% lighter version of the original color is **87.7417, 96.2324, 108.5580**, and **26.4275, 27.9774, 45.0816** is the 20% darker color. If you saturate the color by 10%, you get **45.6584, 48.0013, 83.2036**, and if you desaturate by 10%, it is **62.6914, 66.2394, 85.8262**.

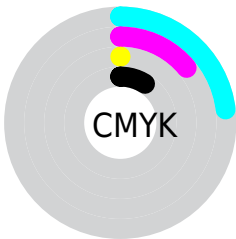
Distribution



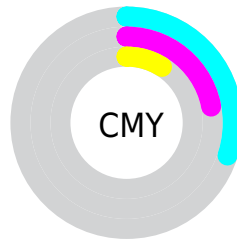
- Red (70%)
- Green (78%)
- Blue (91%)



- Red (70%)
- Yellow (76%)
- Blue (91%)



- Cyan (23%)
- Magenta (14%)
- Yellow (0%)
- Black (9%)



- Cyan (30%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5799, 56.5997, 84.4448 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 53.5799, 56.5997, 84.4448 by changing the saturation by 10% instead.

■ 53.5799, 56.5997,
84.4448

■ 53.5799, 56.5997,
84.4448

390.7306,
411.9476, 529.8857

■ 38.4952, 40.6839,
62.8352

■ 94.6177, 99.8809,
141.4645

■ 26.5462, 28.0722,
45.2678

121.3015,
128.0151, 177.7117

■ 17.3675, 18.3801,
31.3239

152.5823,
160.9908, 219.6751

■ 10.5938, 11.2232,
20.5851

188.8257,
199.1926, 267.7734

■ 5.8597, 6.2172,
12.6328

230.3968,
243.0048, 322.4251

■ 2.7998, 2.9776,
7.0484

277.6611,

■ 1.0488, 1.1200,

292.8118, 384.0487

3.4135

330.9839,
348.9979, 453.0627

■ 0.0000, 0.0000,
1.3095

■ 0.0000, 0.0000,
0.0695

■ 53.5799, 56.5997,
84.4448

■ 53.5799, 56.5997,
84.4448

■ 45.6584, 48.0013,
83.2036

■ 62.6914, 66.2394,
85.8262

■ 38.8690, 40.3990,
82.0940

■ 73.0370, 76.9496,
87.3482

■ 33.1562, 33.7540,
81.1125

■ 84.6649, 88.7669,
89.0163

■ 28.4579, 28.0221,
80.2538

■ 91.5637, 98.6024,
90.5511

■ 24.7046, 23.1547,
79.5121

■ 91.5657, 98.6063,
90.5518

■ 21.8168, 19.0976,
78.8812

■ 19.7000, 15.7876,
78.3539

■ 18.6153, 13.9256,
78.0516

Harmonies

Analogous

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



50.1222, 56.5997, 80.7347



53.5799, 56.5997, 84.4448



57.2535, 56.5997, 81.4801

Triad

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



53.5799, 56.5997, 84.4448



60.3429, 56.5997, 52.4307



47.9416, 56.5997, 51.4714

Complementary

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



53.5799, 56.5997, 84.4448



64.3620, 66.4638, 51.5576

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.



50.4811, 56.5997, 45.2938



53.5799, 56.5997, 84.4448



57.6457, 56.5997, 45.8011

Square

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



53.5799, 56.5997, 84.4448



61.2642, 56.5997, 62.2502



54.0133, 56.5997, 43.3420



46.9614, 56.5997, 61.0089

Rectangle

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



53.5799, 56.5997, 84.4448



59.3101, 56.5997, 76.2892



54.0133, 56.5997, 43.3420



48.6353, 56.5997, 48.9760

Sweetspot

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



53.5816, 56.6020, 84.4461



85.5032, 90.2064, 107.5128



58.7886, 71.8076, 71.4097



18.1328, 19.1339, 22.9875



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.



53.5816, 56.6020, 84.4461



61.4381, 64.7943, 103.8762



49.8970, 47.6747, 82.9171



14.0626, 14.8466, 18.2688



10.4509, 7.9639, 43.3695



0.8617, 0.7673, 3.2347

Inverse Universe

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



59.6259, 53.1683, 61.7659



70.2686, 60.1634, 70.6546



68.7301, 77.3410, 53.4269



14.6192, 14.4649, 16.1950



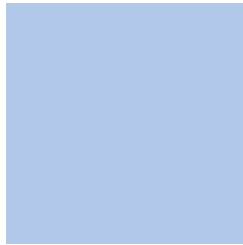
19.6686, 10.0017, 7.1500



1.4986, 0.7571, 0.7659

Previews

White Background



This preview shows how the XYZ color 53.5799, 56.5997, 84.4448 looks on a white background.

Color Contrast Check

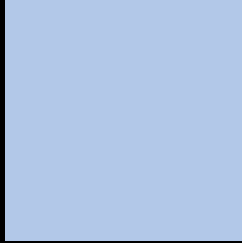
Large Text (above 18pt) WCAG AA × Fail

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 53.5799, 56.5997, 84.4448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

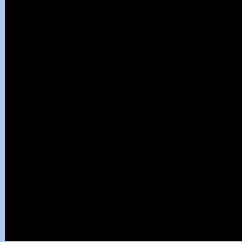
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5799, 56.5997, 84.4448

Background



This preview shows how black text looks on a background with the XYZ color 53.5799, 56.5997, 84.4448.



This preview shows how white text looks on a background with the XYZ color 53.5799, 56.5997,

84.4448.

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

53.5799, 56.5997, 84.4448

Protanopia

55.7611, 56.3995, 82.8102

Deuteranopia

57.5974, 56.3025, 84.9226



Tritanopia

51.4546, 56.4170, 74.5073

Trichromacy



Original Color

53.5799, 56.5997, 84.4448

Protanomaly

54.8836, 56.2668, 83.5692

Deuteranomaly

56.1861, 56.5695, 85.0485

Tritanomaly

52.1104, 56.3311, 77.9385

Monochromacy



Original Color

53.5799, 56.5997, 84.4448

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.0621, 55.9885, 68.9829

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5799, 56.5997, 84.4448 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, 200, 232)` looks like.

```
.text, #text, p{  
    color:rgb(178, 200, 232)  
}
```

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, 200, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 200, 232) }
```

Border

The CSS property to change the border of an element to XYZ 53.5799, 56.5997, 84.4448 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, 200, 232) }
```


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

```
.border{ border-color:rgb(178, 200, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 200, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 200, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 200, 232);  
box-shadow:4px 4px 4px 4px rgb(178, 200,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5799, 56.5997, 84.4448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 200, 232) }
```

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

```
.background{ background-color: rgb(178,  
200, 232) }
```

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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