

Converting Colors

XYZ(53.2606, 57.3507, 88.3229)

Have a look what the booklet for
XYZ(53.2606, 57.3507, 88.3229)
contains.

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Color

**XYZ(53.2196, 57.3723,
88.3898)**

Conversions

Conversions Part 1

Format	Color
Hex	AACBED
RGB	170, 203, 237
RGB Percent	67%, 80%, 93%
CMY	0.3333, 0.2039, 0.0706
CMYK	0.28, 0.14, 0.00, 0.07
HSL	210°, 65%, 80%
HSV	210°, 28%, 93%
XYZ	53.2196, 57.3723, 88.3898
YIQ	197.0090, -30.5820, 3.5780

Conversions

Conversions Part 2

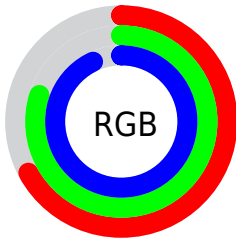
Format	Color
R _{YB}	170, 192, 237
Decimal	11193325
CIE Lab	80.39, -3.36, -20.38
CIE LCh	80, 20.658, 260.649
Yxy	57.3723, 0.2675, 0.2883
Android (android.graphics.Color)	4289383405 (0xFFAACBED)
YUV	197.0090, 19.7156, -23.6869
Hunter-Lab	75.7445, -7.1352, -16.1671

Details

The XYZ color **53.2196, 57.3723, 88.3898** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **63.7746, 64.0934, 47.0419**, and the grayscale version is **52.9758, 55.7346, 60.6950**.

A 20% lighter version of the original color is **85.1740, 94.9088, 108.4378**, and **26.2904, 28.5441, 47.8400** is the 20% darker color. If you saturate the color by 10%, you get **45.8202, 49.5050, 87.2622**, and if you desaturate by 10%, it is **61.7665, 66.1609, 89.6367**.

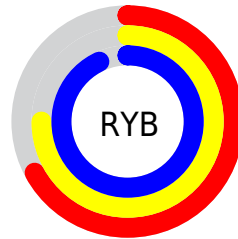
Distribution



Red (67%)

Green (80%)

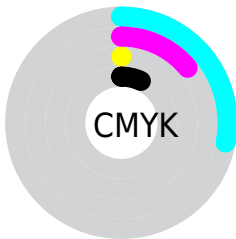
Blue (93%)



Red (67%)

Yellow (75%)

Blue (93%)

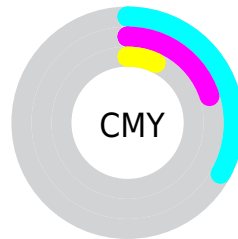


Cyan (28%)

Magenta (14%)

Yellow (0%)

Black (7%)



Cyan (33%)

Magenta (20%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.2196, 57.3723, 88.3898 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 53.2196, 57.3723, 88.3898 by changing the saturation by 10% instead.

■ 53.2196, 57.3723,
88.3898

■ 53.2196, 57.3723,
88.3898

389.3742,
414.8429, 543.2133

■ 38.2063, 41.3042,
66.0798

■ 94.0911, 101.0082,
147.0156

■ 26.3208, 28.5569,
47.8803

120.6799,
129.3448, 184.1685

■ 17.1977, 18.7459,
33.3728

151.8580,
162.5398, 227.1061

■ 10.4717, 11.4868,
22.1387

187.9906,
200.9774, 276.2469

■ 5.7775, 6.3953,
13.7596

229.4432,
245.0422, 332.0095

■ 2.7496, 3.0869,
7.8168

276.5811,

■ 1.0228, 1.1773,

295.1184, 394.8124

3.8919

329.7696,
351.5905, 465.0741

■ 0.0000, 0.0430,
1.5662

■ 0.0000, 0.0000,
0.2665

■ 53.2196, 57.3723,
88.3898

■ 53.2196, 57.3723,
88.3898

■ 45.8202, 49.5050,
87.2622

■ 61.7665, 66.1609,
89.6367

■ 39.5082, 42.5168,
86.2460

■ 71.5063, 75.8973,
91.0027

■ 34.2261, 36.3714,
85.3383

■ 82.4882, 86.6152,
92.4926

■ 29.9082, 31.0273,
84.5343

■ 91.0577, 96.4373,
93.9368

■ 26.4802, 26.4378,
83.8291

■ 92.2863, 98.8945,
94.3463

■ 23.8553, 22.5496,
83.2170

■ 21.9129, 19.2915,
82.6905

■ 21.6169, 18.7758,
82.6065

Harmonies

Analogous

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



49.5338, 57.3723, 82.2700



53.2196, 57.3723, 88.3898



57.4497, 57.3723, 86.9022

Triad

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



53.2196, 57.3723, 88.3898



62.5020, 57.3723, 54.6084



48.4794, 57.3723, 48.8310

Complementary

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



53.2196, 57.3723, 88.3898



63.7746, 64.0934, 47.0419

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.



51.7122, 57.3723, 43.1067



53.2196, 57.3723, 88.3898



59.8527, 57.3723, 46.1306

Square

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



53.2196, 57.3723, 88.3898



62.9571, 57.3723, 66.3309



55.8631, 57.3723, 42.1864



46.8918, 57.3723, 58.7594

Rectangle

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



53.2196, 57.3723, 88.3898



60.0030, 57.3723, 81.8632



55.8631, 57.3723, 42.1864



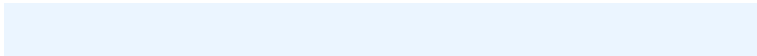
49.4016, 57.3723, 46.4082

Sweetspot

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



53.2214, 57.3746, 88.3911



84.7251, 89.9063, 107.4959



57.7024, 73.4514, 67.9506



17.7419, 18.8554, 22.9543



0.0000, 0.0000, 0.0000



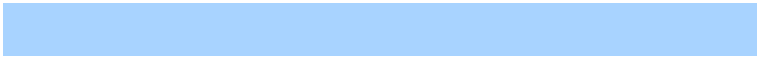
20.3446, 21.4041, 23.3091

Same Dimension

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



53.2214, 57.3746, 88.3911



57.5578, 62.1687, 103.5739



46.2399, 43.4117, 86.0640



14.8439, 15.7742, 19.1846



11.9328, 10.5126, 45.1432



1.0331, 1.0177, 3.5769

Inverse Universe

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



60.0808, 51.0675, 63.1927



67.0566, 54.0796, 68.5353



72.4661, 81.4763, 49.9390



15.3748, 15.1778, 17.2588



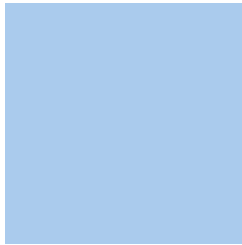
20.8784, 10.5541, 10.4271



1.6880, 0.8482, 1.0742

Previews

White Background



This preview shows how the XYZ color 53.2196, 57.3723, 88.3898 looks on a white background.

Color Contrast Check

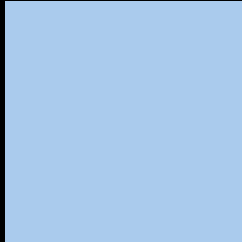
Large Text (above 18pt) WCAG AA × Fail

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 53.2196, 57.3723, 88.3898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

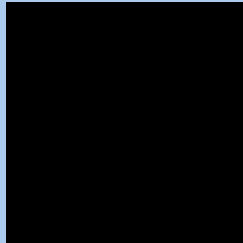
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

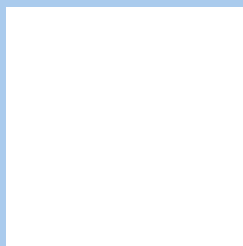
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.2196, 57.3723, 88.3898

Background



This preview shows how black text looks on a background with the XYZ color 53.2196, 57.3723, 88.3898.



This preview shows how white text looks on a background with the XYZ color 53.2196, 57.3723,

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

53.2196, 57.3723, 88.3898

Protanopia

56.4125, 57.0222, 85.1239

Deuteranopia

58.6483, 57.4043, 89.6504



Tritanopia

51.1925, 57.6320, 77.5332

Trichromacy



Original Color

53.2196, 57.3723, 88.3898

Protanomaly

55.0419, 56.9777, 85.9387

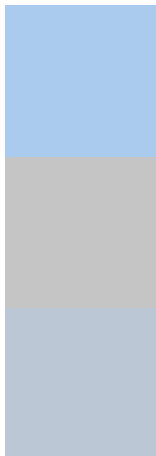
Deuteranomaly

56.3657, 57.2526, 88.9690

Tritanomaly

51.8449, 57.5335, 81.0456

Monochromacy



Original Color

53.2196, 57.3723, 88.3898

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.8006, 56.1651, 70.3454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2196, 57.3723, 88.3898 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(170, 203, 237)` looks like.

```
.text, #text, p{  
    color:rgb(170, 203, 237)  
}
```

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(170, 203, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 203, 237) }
```

Border

The CSS property to change the border of an element to XYZ 53.2196, 57.3723, 88.3898 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(170, 203, 237) }
```


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

```
.border{ border-color:rgb(170, 203, 237) }
```

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

Here you see how a box with a 4 pixel rgb(170, 203, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 203, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 203, 237);  
box-shadow:4px 4px 4px 4px rgb(170, 203,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2196, 57.3723, 88.3898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 203, 237) }
```

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

```
.background{ background-color: rgb(170,  
203, 237) }
```

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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