

Converting Colors

XYZ(53.7170, 57.6119, 87.6673)

Have a look what the booklet for
XYZ(53.7170, 57.6119, 87.6673)
contains.

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Color

**XYZ(53.7298, 57.6522,
87.6530)**

Conversions

Conversions Part 1

Format	Color
Hex	ADCBEF
RGB	173, 203, 236
RGB Percent	68%, 80%, 93%
CMY	0.3216, 0.2039, 0.0745
CMYK	0.27, 0.14, 0.00, 0.07
HSL	211°, 62%, 80%
HSV	211°, 27%, 93%
XYZ	53.7298, 57.6522, 87.6530
YIQ	197.7920, -28.4730, 3.9030

Conversions

Conversions Part 2

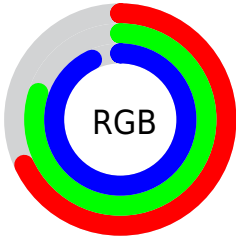
Format	Color
R _Y B	173, 193, 236
Decimal	11389932
CIE Lab	80.55, -2.72, -19.59
CIE LCh	81, 19.782, 262.101
Yxy	57.6522, 0.2700, 0.2897
Android (android.graphics.Color)	4289580012 (0xFFADCBE0)
YUV	197.7920, 18.8365, -21.7426
Hunter-Lab	75.9290, -6.5636, -15.2944

Details

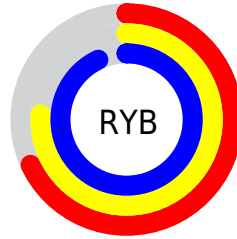
The XYZ color **53.7298, 57.6522, 87.6530** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.2069, 64.9930, 48.6975**, and the grayscale version is **53.4533, 56.2371, 61.2422**.

A 20% lighter version of the original color is **86.1231, 95.3980, 108.4822**, and **26.5934, 28.7121, 47.3204** is the 20% darker color. If you saturate the color by 10%, you get **46.1615, 49.5897, 86.4966**, and if you desaturate by 10%, it is **62.4562, 66.6601, 88.9327**.

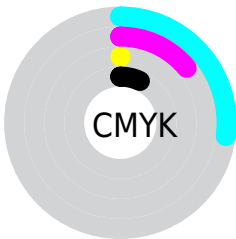
Distribution



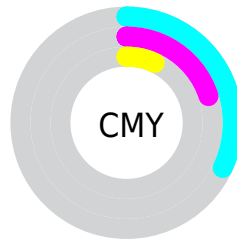
- Red (68%)
- Green (80%)
- Blue (93%)



- Red (68%)
- Yellow (76%)
- Blue (93%)



- Cyan (27%)
- Magenta (14%)
- Yellow (0%)
- Black (7%)



- Cyan (32%)
- Magenta (20%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7298, 57.6522, 87.6530 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 53.7298, 57.6522, 87.6530 by changing the saturation by 10% instead.

■ 53.7298, 57.6522,
87.6530

■ 53.7298, 57.6522,
87.6530

391.2940,
415.8887, 540.7380

■ 38.6155, 41.5291,
65.4730

■ 94.8366, 101.4162,
145.9809

■ 26.6401, 28.7327,
47.3910

121.5598,
129.8259, 182.9658

■ 17.4383, 18.8787,
32.9883

152.8834,
163.0999, 225.7228

■ 10.6447, 11.5827,
21.8464

189.1727,
201.6227, 274.6705

■ 5.8940, 6.4602,
13.5469

230.7930,
245.7785, 330.2273

■ 2.8208, 3.1269,
7.6710

278.1098,

■ 1.0597, 1.1983,

295.9519, 392.8118

3.8004

331.4883,
352.5271, 462.8425

■ 0.0000, 0.0603,
1.5165

■ 0.0000, 0.0000,
0.2302

■ 53.7298, 57.6522,
87.6530

■ 53.7298, 57.6522,
87.6530

■ 46.1615, 49.5897,
86.4966

■ 62.4562, 66.6601,
88.9327

■ 39.6921, 42.4297,
85.4556

■ 72.3854, 76.6400,
90.3357

■ 34.2647, 36.1362,
84.5269

■ 83.5664, 87.6260,
91.8669

■ 29.8149, 30.6673,
83.7058

■ 91.3321, 97.2194,
93.3093

■ 26.2702, 25.9766,
82.9872

■ 92.1405, 98.8362,
93.5788

■ 23.5465, 22.0112,
82.3654

■ 21.5385, 18.7071,
81.8335

■ 20.9776, 17.7305,
81.6745

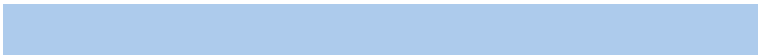
Harmonies

Analogous

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



50.1353, 57.6522, 82.1414



53.7298, 57.6522, 87.6530



57.7897, 57.6522, 85.8760

Triad

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



53.7298, 57.6522, 87.6530



62.3605, 57.6522, 54.7240



48.8587, 57.6522, 50.0052

Complementary

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



53.7298, 57.6522, 87.6530



64.2069, 64.9930, 48.6975

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.



51.9088, 57.6522, 44.2372



53.7298, 57.6522, 87.6530



59.7384, 57.6522, 46.7177

Square

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



53.7298, 57.6522, 87.6530



62.9072, 57.6522, 65.8995



55.8776, 57.6522, 43.1127



47.4151, 57.6522, 59.7479

Rectangle

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



53.7298, 57.6522, 87.6530



60.2046, 57.6522, 80.8858



55.8776, 57.6522, 43.1127



49.7227, 57.6522, 47.5894

Sweetspot

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



53.7316, 57.6545, 87.6543



84.6245, 89.7052, 107.4624



58.3163, 73.3107, 69.1844



17.7166, 18.8048, 22.9459



0.0000, 0.0000, 0.0000



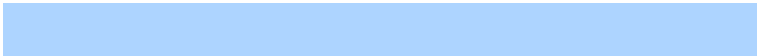
20.3446, 21.4041, 23.3091

Same Dimension

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



53.7316, 57.6545, 87.6543



58.9806, 63.3667, 103.7301



47.5520, 44.9492, 85.5276



14.8229, 15.7323, 19.1776



11.6910, 10.0290, 45.0626



1.0138, 0.9790, 3.5704

Inverse Universe

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



60.3166, 52.0333, 63.3668



68.1768, 56.0674, 69.6879



71.7838, 80.6628, 51.3227



15.3642, 15.1735, 17.2030



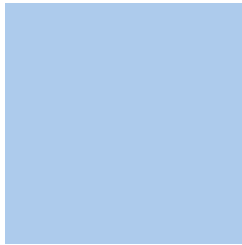
20.7564, 10.5052, 9.7843



1.6782, 0.8442, 1.0228

Previews

White Background



This preview shows how the XYZ color 53.7298, 57.6522, 87.6530 looks on a white background.

Color Contrast Check

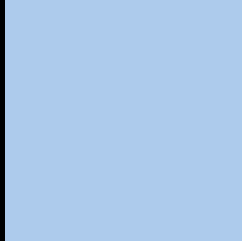
Large Text (above 18pt) WCAG AA × Fail

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 53.7298, 57.6522, 87.6530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

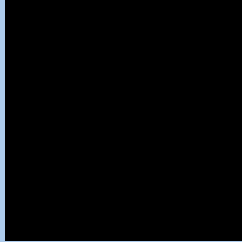
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

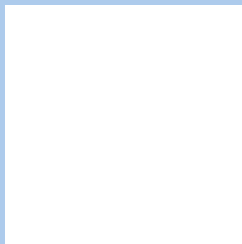
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.7298, 57.6522, 87.6530

Background



This preview shows how black text looks on a background with the XYZ color 53.7298, 57.6522, 87.6530.



This preview shows how white text looks on a background with the XYZ color 53.7298, 57.6522,

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

53.7298, 57.6522, 87.6530

Protanopia

56.8944, 57.6088, 85.2118

Deuteranopia

58.7671, 57.4826, 88.8868



Tritanopia

51.5937, 57.4826, 77.4832

Trichromacy



Original Color

53.7298, 57.6522, 87.6530

Protanomaly

55.7553, 57.6882, 86.0382

Deuteranomaly

56.7153, 57.4497, 88.2205

Tritanomaly

52.2526, 57.3897, 80.9964

Monochromacy



Original Color

53.7298, 57.6522, 87.6530

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.5242, 56.8808, 70.4454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7298, 57.6522, 87.6530 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(173, 203, 236)` looks like.

```
.text, #text, p{  
    color:rgb(173, 203, 236)  
}
```

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(173, 203, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 203, 236) }
```

Border

The CSS property to change the border of an element to XYZ 53.7298, 57.6522, 87.6530 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(173, 203, 236) }
```


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

```
.border{ border-color:rgb(173, 203, 236) }
```

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

Here you see how a box with a 4 pixel rgb(173, 203, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 203, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 203, 236);  
box-shadow:4px 4px 4px 4px rgb(173, 203,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7298, 57.6522, 87.6530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 203, 236) }
```

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

```
.background{ background-color: rgb(173,  
203, 236) }
```

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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