

Converting Colors

XYZ(53.5673, 57.0372, 90.6251)

Have a look what the booklet for
XYZ(53.5673, 57.0372, 90.6251)
contains.

XYZ(53.6433, 57.1903, 90.6496)	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(53.6433, 57.1903,
90.6496)**

Conversions

Conversions Part 1

Format	Color
Hex	ABCAF0
RGB	171, 202, 240
RGB Percent	67%, 79%, 94%
CMY	0.3294, 0.2078, 0.0588
CMYK	0.29, 0.16, 0.00, 0.06
HSL	213°, 70%, 81%
HSV	213°, 29%, 94%
XYZ	53.6433, 57.1903, 90.6496
YIQ	197.0630, -30.6740, 5.2460

Conversions

Conversions Part 2

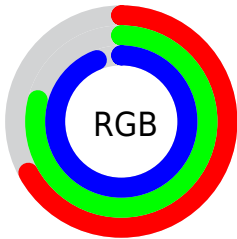
Format	Color
RYB	171, 192, 240
Decimal	11258608
CIELab	80.29, -1.83, -22.14
CIElCh	80, 22.212, 265.284
Yxy	57.1903, 0.2662, 0.2838
Android (android.graphics.Color)	4289448688 (0xFFABCAF0)
YUV	197.0630, 21.1679, -22.8573
Hunter-Lab	75.6243, -5.7253, -18.1330

Details

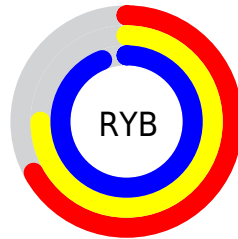
The XYZ color **53.6433, 57.1903, 90.6496** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.0871, 67.0670, 47.9917**, and the grayscale version is **52.9999, 55.7601, 60.7227**.

A 20% lighter version of the original color is **85.4886, 95.0709, 108.4525**, and **26.5778, 28.4224, 49.4327** is the 20% darker color. If you saturate the color by 10%, you get **45.9134, 48.7984, 89.4382**, and if you desaturate by 10%, it is **62.5916, 66.6073, 91.9966**.

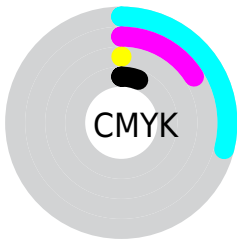
Distribution



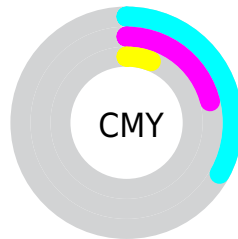
- Red (67%)
- Green (79%)
- Blue (94%)



- Red (67%)
- Yellow (75%)
- Blue (94%)



- Cyan (29%)
- Magenta (16%)
- Yellow (0%)
- Black (6%)



- Cyan (33%)
- Magenta (21%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6433, 57.1903, 90.6496 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 53.6433, 57.1903, 90.6496 by changing the saturation by 10% instead.

■ 53.6433, 57.1903,
90.6496

■ 53.6433, 57.1903,
90.6496

390.9689,
414.1620, 550.7662

■ 38.5461, 41.1580,
67.9428

■ 94.7103, 100.7428,
150.1838

■ 26.5859, 28.4426,
49.3848

121.4108,
129.0318, 187.8482

■ 17.3975, 18.6596,
34.5571

152.7097,
162.1753, 231.3357

■ 10.6153, 11.4245,
23.0411

188.9725,
200.5575, 281.0646

■ 5.8742, 6.3532,
14.4182

230.5644,
244.5629, 337.4536

■ 2.8087, 3.0610,
8.2701

277.8509,

■ 1.0534, 1.1637,

294.5758, 400.9212

4.1780

331.1973,
350.9807, 471.8859

■ 0.0000, 0.0317,
1.7235

■ 0.0000, 0.0000,
0.3768

■ 53.6433, 57.1903,
90.6496

■ 53.6433, 57.1903,
90.6496

■ 45.9134, 48.7984,
89.4382

■ 62.5916, 66.6073,
91.9966

■ 39.3384, 41.3849,
88.3538

■ 72.8068, 77.0799,
93.4796

■ 33.8569, 34.9095,
87.3928

■ 84.3411, 88.6455,
95.1041

■ 29.3993, 29.3255,
86.5499

■ 92.6874, 98.9893,
96.6608

■ 25.8866, 24.5810,
85.8193

■ 92.7284, 99.0713,
96.6744

■ 23.2266, 20.6167,
85.1943

■ 21.2866, 17.3520,
84.6664

■ 21.0733, 16.9812,
84.6061

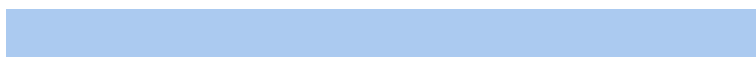
Harmonies

Analogous

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



49.5373, 57.1903, 85.1580



53.6433, 57.1903, 90.6496



58.1710, 57.1903, 87.7149

Triad

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



53.6433, 57.1903, 90.6496



62.6370, 57.1903, 52.1936



47.4948, 57.1903, 49.0930

Complementary

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



53.6433, 57.1903, 90.6496



66.0871, 67.0670, 47.9917

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.



50.7147, 57.1903, 42.2943



53.6433, 57.1903, 90.6496



59.4810, 57.1903, 43.9020

Square

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



53.6433, 57.1903, 90.6496



63.5276, 57.1903, 64.3481



55.0783, 57.1903, 40.5345



46.1155, 57.1903, 60.2381

Rectangle

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



53.6433, 57.1903, 90.6496



60.7982, 57.1903, 81.5639



55.0783, 57.1903, 40.5345



48.3888, 57.1903, 46.2881

Sweetspot

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



53.6451, 57.1926, 90.6509



83.2048, 88.1038, 107.2281



59.4584, 75.5803, 71.7452



17.4244, 18.4669, 22.8961



0.0000, 0.0000, 0.0000



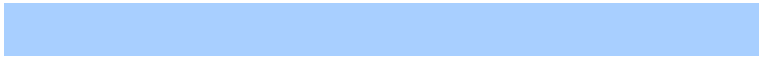
20.3446, 21.4041, 23.3091

Same Dimension

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



53.6451, 57.1926, 90.6509



56.6369, 60.3268, 103.2669



47.8485, 44.4691, 88.5006



15.4820, 16.3982, 20.0708



11.6643, 9.5529, 46.3570



1.0683, 0.9906, 3.8891

Inverse Universe

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



61.1602, 51.9169, 62.6771



66.5917, 53.8936, 66.0874



73.2869, 83.1887, 50.7240



16.0680, 15.8769, 17.9143



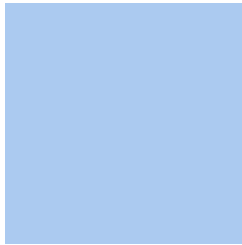
21.2132, 10.7577, 9.0395



1.8142, 0.9147, 1.0123

Previews

White Background



This preview shows how the XYZ color 53.6433, 57.1903, 90.6496 looks on a white background.

Color Contrast Check

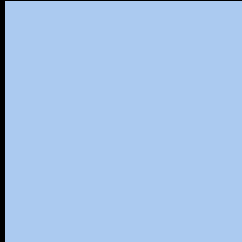
Large Text (above 18pt) WCAG AA × Fail

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 53.6433, 57.1903, 90.6496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

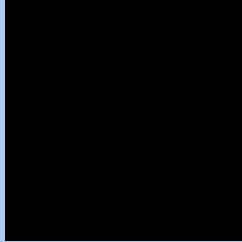
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

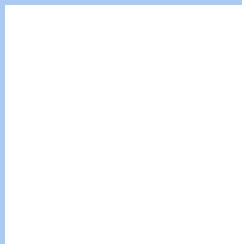
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.6433, 57.1903, 90.6496

Background



This preview shows how black text looks on a background with the XYZ color 53.6433, 57.1903, 90.6496.



This preview shows how white text looks on a background with the XYZ color 53.6433, 57.1903,

90.6496.

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

53.6433, 57.1903, 90.6496

Protanopia

56.7382, 57.1233, 88.1562

Deuteranopia

58.3448, 56.8647, 91.9053



Tritanopia

50.9525, 57.1521, 77.4532

Trichromacy



Original Color

53.6433, 57.1903, 90.6496

Protanomaly

55.6232, 57.2102, 88.9999

Deuteranomaly

56.5825, 56.9747, 91.2341

Tritanomaly

51.8842, 57.1677, 82.4286

Monochromacy



Original Color

53.6433, 57.1903, 90.6496

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.1727, 56.3423, 71.0234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6433, 57.1903, 90.6496 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(171, 202, 240)` looks like.

```
.text, #text, p{  
    color:rgb(171, 202, 240)  
}
```

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(171, 202, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 202, 240) }
```

Border

The CSS property to change the border of an element to XYZ 53.6433, 57.1903, 90.6496 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(171, 202, 240) }
```


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

```
.border{ border-color:rgb(171, 202, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 202, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 202, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 202, 240); box-shadow:4px 4px 4px 4px rgb(171, 202, 240) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6433, 57.1903, 90.6496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 202, 240) }
```

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

```
.background{ background-color: rgb(171,  
202, 240) }
```

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