

Converting Colors

XYZ(53.3669, 57.8148, 93.1406)

Have a look what the booklet for
XYZ(53.3669, 57.8148, 93.1406)
contains.

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Color

**XYZ(53.2876, 57.6561,
93.1142)**

Conversions

Conversions Part 1

Format	Color
Hex	A5CCF3
RGB	165, 204, 243
RGB Percent	65%, 80%, 95%
CMY	0.3529, 0.2000, 0.0471
CMYK	0.32, 0.16, 0.00, 0.05
HSL	210°, 76%, 80%
HSV	210°, 32%, 95%
XYZ	53.2876, 57.6561, 93.1142
YIQ	196.7850, -35.7630, 3.8610

Conversions

Conversions Part 2

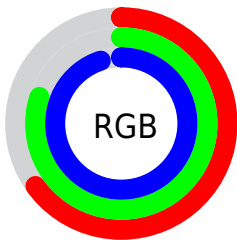
Format	Color
R _Y B	165, 191, 243
Decimal	10865907
CIE Lab	80.55, -3.87, -23.38
CIE LCh	81, 23.694, 260.612
Yxy	57.6561, 0.2611, 0.2825
Android (android.graphics.Color)	4289055987 (0xFFA5CCF3)
YUV	196.7850, 22.7840, -27.8754
Hunter-Lab	75.9316, -7.6119, -19.5546

Details

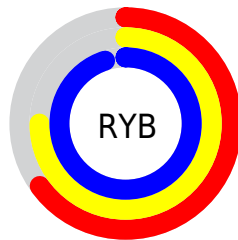
The XYZ color **53.2876, 57.6561, 93.1142** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **65.3476, 64.9580, 44.6931**, and the grayscale version is **52.8252, 55.5762, 60.5225**.

A 20% lighter version of the original color is **83.9342, 94.2696, 108.3798**, and **26.4315, 28.7801, 51.1757** is the 20% darker color. If you saturate the color by 10%, you get **45.9296, 49.7431, 91.9756**, and if you desaturate by 10%, it is **61.8348, 66.5192, 94.3755**.

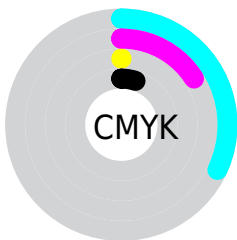
Distribution



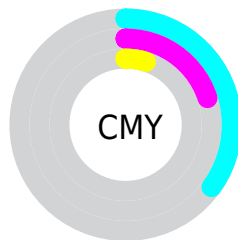
- Red (65%)
- Green (80%)
- Blue (95%)



- Red (65%)
- Yellow (75%)
- Blue (95%)



- Cyan (32%)
- Magenta (16%)
- Yellow (0%)
- Black (5%)



- Cyan (35%)
- Magenta (20%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.2876, 57.6561, 93.1142 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 53.2876, 57.6561, 93.1142 by changing the saturation by 10% instead.

■ 53.2876, 57.6561,
93.1142

■ 53.2876, 57.6561,
93.1142

389.6304,
415.9033, 558.9394

■ 38.2608, 41.5322,
69.9782

■ 94.1905, 101.4219,
153.6298

■ 26.3633, 28.7352,
51.0321

■ 120.7973,
129.8326, 191.8465

■ 17.2297, 18.8806,
35.8572

151.9948,
163.1077, 235.9272

■ 10.4947, 11.5840,
24.0351

188.1483,
201.6317, 286.2904

■ 5.7930, 6.4611,
15.1473

229.6233,
245.7888, 343.3547

■ 2.7591, 3.1274,
8.7750

276.7851,

■ 1.0277, 1.1986,

295.9635, 407.5386

4.4999

329.9990,
352.5402, 479.2606

■ 0.0000, 0.0606,
1.9034

■ 0.0000, 0.0000,
0.4949

■ 53.2876, 57.6561,
93.1142

■ 53.2876, 57.6561,
93.1142

■ 45.9296, 49.7431,
91.9756

■ 61.8348, 66.5192,
94.3755

■ 39.6957, 42.7351,
90.9515

■ 71.6208, 76.3615,
95.7594

■ 34.5224, 36.5929,
90.0386

■ 82.6991, 87.2188,
97.2712

■ 30.3369, 31.2707,
89.2319

■ 92.4178, 97.7309,
98.7880

■ 27.0562, 26.7173,
88.5260

■ 93.1779, 99.2511,
99.0414

■ 24.5809, 22.8726,
87.9143

■ 23.0767, 20.2688,
87.4910

Harmonies

Analogous

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



49.0726, 57.6561, 85.8590



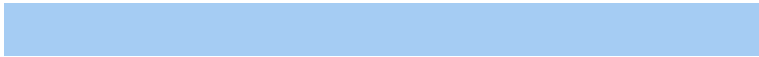
53.2876, 57.6561, 93.1142



58.1620, 57.6561, 91.3606

Triad

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



53.2876, 57.6561, 93.1142



64.0368, 57.6561, 53.8056



47.8798, 57.6561, 47.2567

Complementary

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



53.2876, 57.6561, 93.1142



65.3476, 64.9580, 44.6931

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.



51.5709, 57.6561, 40.8807



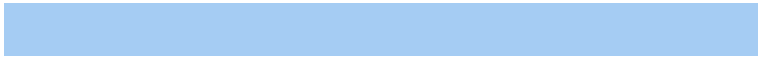
53.2876, 57.6561, 93.1142



60.9575, 57.6561, 44.2549

Square

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



53.2876, 57.6561, 93.1142



64.5639, 57.6561, 67.2530



56.3416, 57.6561, 39.8697



46.0744, 57.6561, 58.5054

Rectangle

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



53.2876, 57.6561, 93.1142



61.1219, 57.6561, 85.4065



56.3416, 57.6561, 39.8697



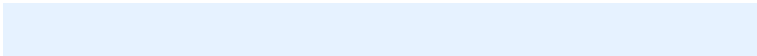
48.9305, 57.6561, 44.5469

Sweetspot

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



53.2894, 57.6584, 93.1155



82.3496, 87.6138, 107.1786



58.3129, 76.3993, 67.9874



17.2695, 18.4002, 22.8913



0.0000, 0.0000, 0.0000



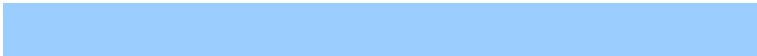
20.3446, 21.4041, 23.3091

Same Dimension

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



53.2894, 57.6584, 93.1155



53.5709, 58.0382, 102.9867



45.3872, 41.8539, 90.4815



16.2658, 17.2958, 21.0237



12.8001, 11.3939, 48.0626



1.2278, 1.2069, 4.2585

Inverse Universe

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



61.3179, 50.3263, 63.6112



64.1060, 49.3073, 64.0713



75.4177, 85.0982, 48.0498



16.8447, 16.6207, 18.9289



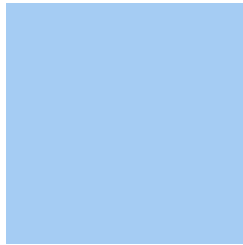
22.2654, 11.2496, 11.3719



2.0088, 1.0095, 1.2726

Previews

White Background



This preview shows how the XYZ color 53.2876, 57.6561, 93.1142 looks on a white background.

Color Contrast Check

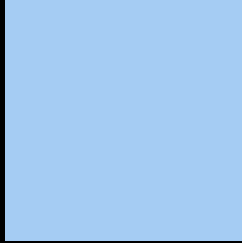
Large Text (above 18pt) WCAG AA × Fail

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 53.2876, 57.6561, 93.1142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

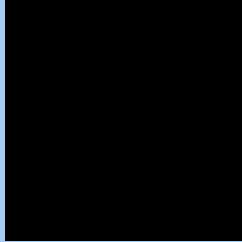
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

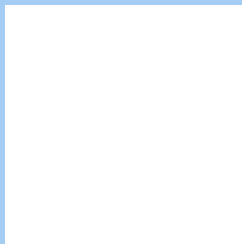
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.2876, 57.6561, 93.1142

Background



This preview shows how black text looks on a background with the XYZ color 53.2876, 57.6561, 93.1142.



This preview shows how white text looks on a background with the XYZ color 53.2876, 57.6561,

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

53.2876, 57.6561, 93.1142

Protanopia

57.2599, 57.6965, 89.7800

Deuteranopia

58.7615, 57.3585, 94.3604



Tritanopia

50.4653, 57.5845, 78.9761

Trichromacy



Original Color

53.2876, 57.6561, 93.1142

Protanomaly

55.6739, 57.5449, 90.6110

Deuteranomaly

56.5308, 57.2341, 93.6557

Tritanomaly

51.3954, 57.5935, 84.0091

Monochromacy



Original Color

53.2876, 57.6561, 93.1142

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.7995, 56.4779, 71.7368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2876, 57.6561, 93.1142 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(165, 204, 243)` looks like.

```
.text, #text, p{  
    color:rgb(165, 204, 243)  
}
```

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(165, 204, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 204, 243) }
```

Border

The CSS property to change the border of an element to XYZ 53.2876, 57.6561, 93.1142 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(165, 204, 243) }
```


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

```
.border{ border-color:rgb(165, 204, 243) }
```

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

Here you see how a box with a 4 pixel rgb(165, 204, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 204, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 204, 243);  
box-shadow:4px 4px 4px 4px rgb(165, 204,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2876, 57.6561, 93.1142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 204, 243) }
```

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

```
.background{ background-color: rgb(165,  
204, 243) }
```

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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