

Converting Colors

XYZ(53.1032, 57.4994, 95.8914)

Have a look what the booklet for
XYZ(53.1032, 57.4994, 95.8914)
contains.

XYZ(53.2817, 57.5825, 96.3020)	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(53.2817, 57.5825,
96.3020)**

Conversions

Conversions Part 1

Format	Color
Hex	A2CCF7
RGB	162, 204, 247
RGB Percent	64%, 80%, 97%
CMY	0.3647, 0.2000, 0.0314
CMYK	0.34, 0.17, 0.00, 0.03
HSL	210°, 84%, 80%
HSV	210°, 34%, 97%
XYZ	53.2817, 57.5825, 96.3020
YIQ	196.3440, -38.8350, 4.4690

Conversions

Conversions Part 2

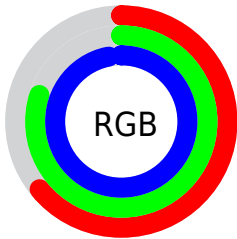
Format	Color
RYB	162, 190, 247
Decimal	10669303
CIELab	80.51, -3.70, -25.59
CIELCh	81, 25.856, 261.766
Yxy	57.5825, 0.2572, 0.2780
Android (android.graphics.Color)	4288859383 (0xFFA2CCF7)
YUV	196.3440, 24.9734, -30.1197
Hunter-Lab	75.8831, -7.4609, -22.1257

Details

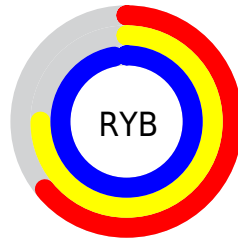
The XYZ color **53.2817, 57.5825, 96.3020** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.7119, 66.0466, 43.4165**, and the grayscale version is **52.5488, 55.2854, 60.2058**.

A 20% lighter version of the original color is **83.0234, 93.8001, 108.3372**, and **26.3737, 28.7001, 53.4398** is the 20% darker color. If you saturate the color by 10%, you get **45.8970, 49.5434, 95.1405**, and if you desaturate by 10%, it is **61.8937, 66.6107, 97.5917**.

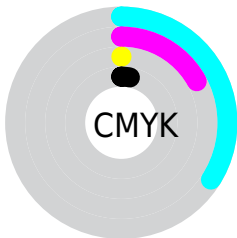
Distribution



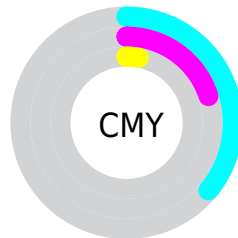
- Red (64%)
- Green (80%)
- Blue (97%)



- Red (64%)
- Yellow (75%)
- Blue (97%)



- Cyan (34%)
- Magenta (17%)
- Yellow (0%)
- Black (3%)



- Cyan (36%)
- Magenta (20%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.2817, 57.5825, 96.3020 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 53.2817, 57.5825, 96.3020 by changing the saturation by 10% instead.

■ 53.2817, 57.5825,
96.3020

■ 53.2817, 57.5825,
96.3020

389.6081,
415.6284, 569.4153

■ 38.2561, 41.4731,
72.6162

■ 94.1818, 101.3146,
158.0732

■ 26.3596, 28.6889,
53.1723

■ 120.7871,
129.7062, 196.9957

■ 17.2270, 18.8456,
37.5517

151.9829,
162.9605, 241.8341

■ 10.4927, 11.5588,
25.3358

188.1347,
201.4621, 293.0071

■ 5.7916, 6.4440,
16.1061

229.6077,
245.5952, 350.9332

■ 2.7582, 3.1169,
9.4441

276.7674,

■ 1.0272, 1.1931,

295.7444, 416.0309

4.9312

329.9791,
352.2940, 488.7188

■ 0.0000, 0.0560,
2.1489

■ 0.0000, 0.0000,
0.6447

■ 53.2817, 57.5825,
96.3020

■ 53.2817, 57.5825,
96.3020

■ 45.8970, 49.5434,
95.1405

■ 61.8937, 66.6107,
97.5917

■ 39.6707, 42.4456,
94.0987

■ 71.7863, 76.6593,
99.0099

■ 34.5347, 36.2468,
93.1729

■ 83.0157, 87.7667,
100.5620

■ 30.4111, 30.8978,
92.3578

■ 93.4654, 98.8489,
102.1503

■ 27.2097, 26.3431,
91.6473

■ 93.7887, 99.4955,
102.2581

■ 24.8214, 22.5165,
91.0346

■ 23.7544, 20.6469,
90.7300

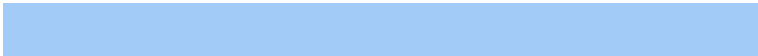
Harmonies

Analogous

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



48.6541, 57.5825, 88.5728



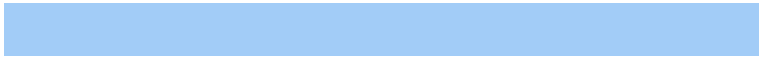
53.2817, 57.5825, 96.3020



58.6028, 57.5825, 93.9486

Triad

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



53.2817, 57.5825, 96.3020



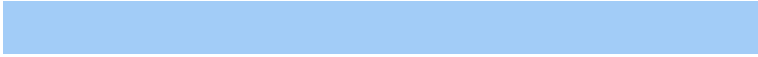
64.7664, 57.5825, 52.4717



47.0989, 57.5825, 46.2923

Complementary

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



53.2817, 57.5825, 96.3020



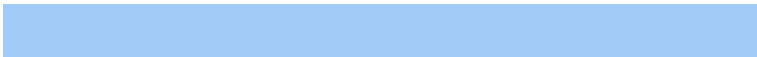
66.7119, 66.0466, 43.4165

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.



51.0326, 57.5825, 39.2815



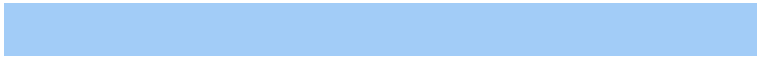
53.2817, 57.5825, 96.3020



61.2927, 57.5825, 42.4271

Square

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



53.2817, 57.5825, 96.3020



65.4652, 57.5825, 66.9777



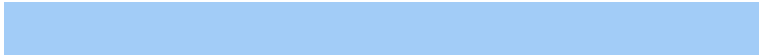
56.2052, 57.5825, 37.9909



45.2384, 57.5825, 58.6038

Rectangle

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



53.2817, 57.5825, 96.3020



61.8138, 57.5825, 87.1231



56.2052, 57.5825, 37.9909



48.2100, 57.5825, 43.3257

Sweetspot

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



53.2835, 57.5847, 96.3033



82.3049, 87.5244, 107.1637



59.1218, 78.5879, 69.4963



17.2587, 18.3786, 22.8877



0.0000, 0.0000, 0.0000



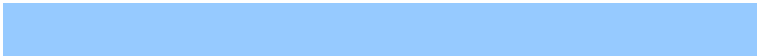
20.3446, 21.4041, 23.3091

Same Dimension

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



53.2835, 57.5847, 96.3033



51.8573, 56.0401, 102.6914



44.6109, 40.2394, 93.4124



16.2574, 17.2792, 21.0209



12.7045, 11.2027, 48.0308



1.2193, 1.1899, 4.2557

Inverse Universe

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



62.1788, 49.9763, 63.4982



62.8921, 47.4861, 61.7971



78.1413, 88.9055, 47.2263



16.8405, 16.6191, 18.9068



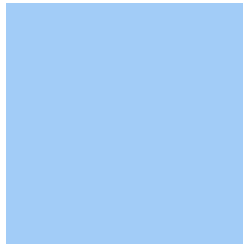
22.2171, 11.2303, 11.1178



2.0045, 1.0078, 1.2500

Previews

White Background



This preview shows how the XYZ color 53.2817, 57.5825, 96.3020 looks on a white background.

Color Contrast Check

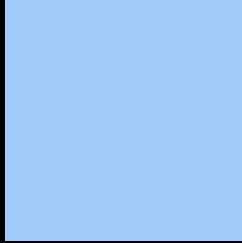
Large Text (above 18pt) WCAG AA × Fail

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 53.2817, 57.5825, 96.3020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

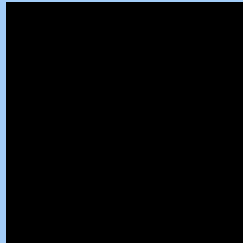
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

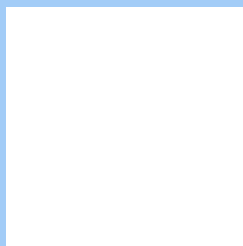
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.2817, 57.5825, 96.3020

Background



This preview shows how black text looks on a background with the XYZ color 53.2817, 57.5825, 96.3020.



This preview shows how white text looks on a background with the XYZ color 53.2817, 57.5825,

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

53.2817, 57.5825, 96.3020

Protanopia

56.9795, 57.1621, 92.0347

Deuteranopia

58.6063, 57.2072, 97.5757



Tritanopia

50.0511, 57.7161, 79.7365

Trichromacy



Original Color

53.2817, 57.5825, 96.3020

Protanomaly

55.5738, 57.4239, 93.7428

Deuteranomaly

56.4288, 57.1106, 96.8563

Tritanomaly

51.3189, 57.8798, 85.5579

Monochromacy



Original Color

53.2817, 57.5825, 96.3020

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.4563, 55.9435, 72.3234

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2817, 57.5825, 96.3020 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(162, 204, 247)` looks like.

```
.text, #text, p{  
    color:rgb(162, 204, 247)  
}
```

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(162, 204, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 204, 247) }
```

Border

The CSS property to change the border of an element to XYZ 53.2817, 57.5825, 96.3020 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(162, 204, 247) }
```


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

```
.border{ border-color:rgb(162, 204, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 204, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 204, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 204, 247);  
box-shadow:4px 4px 4px 4px rgb(162, 204,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2817, 57.5825, 96.3020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 204, 247) }
```

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

```
.background{ background-color: rgb(162,  
204, 247) }
```

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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