

Converting Colors

XYZ(52.9035, 55.6182, 92.1753)

Have a look what the booklet for
XYZ(52.9035, 55.6182, 92.1753)
contains.

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Color

**XYZ(53.0280, 55.8037,
91.9807)**

Conversions

Conversions Part 1

Format	Color
Hex	AAC7F2
RGB	170, 199, 242
RGB Percent	67%, 78%, 95%
CMY	0.3333, 0.2196, 0.0510
CMYK	0.30, 0.18, 0.00, 0.05
HSL	216°, 73%, 81%
HSV	216°, 30%, 95%
XYZ	53.0280, 55.8037, 91.9807
YIQ	195.2310, -31.0870, 7.2250

Conversions

Conversions Part 2

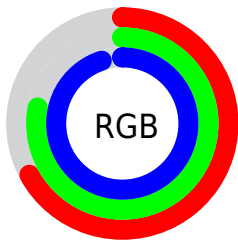
Format	Color
R_{YB}	170, 191, 242
Decimal	11192306
CIE _{Lab}	79.50, -0.03, -24.41
CIE _{LCh}	80, 24.405, 269.929
Yxy	55.8037, 0.2641, 0.2779
Android (android.graphics.Color)	4289382386 (0xFFAAC7F2)
YUV	195.2310, 23.0571, -22.1276
Hunter-Lab	74.7019, -4.0180, -20.7127

Details

The XYZ color **53.0280, 55.8037, 91.9807** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **67.6688, 69.3687, 47.8548**, and the grayscale version is **51.8910, 54.5934, 59.4522**.

A 20% lighter version of the original color is **85.4886, 95.0709, 108.4525**, and **26.1908, 27.5090, 50.3837** is the 20% darker color. If you saturate the color by 10%, you get **45.1016, 47.0144, 90.7029**, and if you desaturate by 10%, it is **62.2367, 65.7255, 93.4114**.

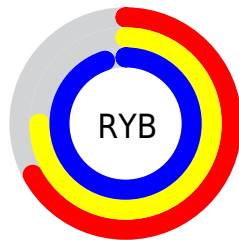
Distribution



Red (67%)

Green (78%)

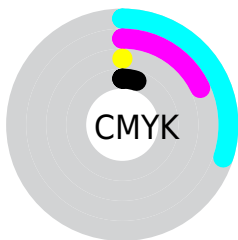
Blue (95%)



Red (67%)

Yellow (75%)

Blue (95%)

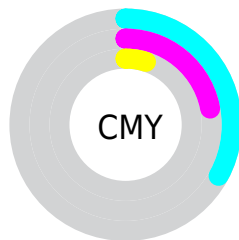


Cyan (30%)

Magenta (18%)

Yellow (0%)

Black (5%)



Cyan (33%)

Magenta (22%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0280, 55.8037, 91.9807 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 53.0280, 55.8037, 91.9807 by changing the saturation by 10% instead.

■ 53.0280, 55.8037,
91.9807

■ 53.0280, 55.8037,
91.9807

388.6516,
408.9513, 555.1886

■ 38.0527, 40.0456,
69.0417

■ 93.8109, 98.7175,
152.0461

■ 26.2010, 27.5741,
50.2737

120.3491,
126.6420, 190.0095

■ 17.1075, 18.0048,
35.2582

151.4724,
159.3906, 233.8182

■ 10.4070, 10.9535,
23.5767

187.5461,
197.3480, 283.8906

■ 5.7339, 6.0355,
14.8106

228.9355,
240.8983, 340.6453

■ 2.7231, 2.8667,
8.5414

276.0059,

■ 1.0091, 1.0625,

290.4260, 404.5009

4.3506

329.1229,
346.3156, 475.8758

■ 0.0000, 0.0000,
1.8196

■ 0.0000, 0.0000,
0.4408

■ 53.0280, 55.8037,
91.9807

■ 53.0280, 55.8037,
91.9807

■ 45.1016, 47.0144,
90.7029

■ 62.2367, 65.7255,
93.4114

■ 38.3904, 39.3061,
89.5688

■ 72.7797, 76.8151,
94.9962

■ 32.8293, 32.6330,
88.5738

■ 84.7124, 89.1145,
96.7413

■ 28.3438, 26.9424,
87.7119

■ 93.0272, 99.1909,
98.2480

■ 24.8500, 22.1761,
86.9760

■ 22.2494, 18.2674,
86.3586

■ 20.3872, 15.1197,
85.8492

■ 20.3461, 15.0487,
85.8377

Harmonies

Analogous

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



48.4517, 55.8037, 87.2691



53.0280, 55.8037, 91.9807



57.8871, 55.8037, 87.3120

Triad

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



53.0280, 55.8037, 91.9807



61.6428, 55.8037, 48.2533



45.2874, 55.8037, 48.2034

Complementary

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



53.0280, 55.8037, 91.9807



67.6688, 69.3687, 47.8548

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.



48.4709, 55.8037, 40.2249



53.0280, 55.8037, 91.9807



57.9086, 55.8037, 40.2505

Square

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



53.0280, 55.8037, 91.9807



63.0439, 55.8037, 60.7944



53.0515, 55.8037, 37.5498



44.1542, 55.8037, 60.7271

Rectangle

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



53.0280, 55.8037, 91.9807



60.5914, 55.8037, 79.8653



53.0515, 55.8037, 37.5498



46.1432, 55.8037, 44.9751

Sweetspot

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



53.0298, 55.8059, 91.9820



82.8874, 87.4691, 107.1223



60.2147, 76.8050, 73.9399



17.3464, 18.3109, 22.8701



0.0000, 0.0000, 0.0000



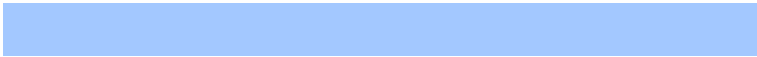
20.3446, 21.4041, 23.3091

Same Dimension

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



53.0298, 55.8059, 91.9820



53.8905, 56.4181, 102.6572



48.3077, 44.3920, 90.0278



15.4199, 16.2739, 20.0501



11.0555, 8.3353, 46.1541



1.0147, 0.8834, 3.8712

Inverse Universe

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



61.3030, 51.7518, 60.7933



64.8187, 51.7039, 61.3155



73.6010, 84.2405, 50.4127



16.0366, 15.8644, 17.7491



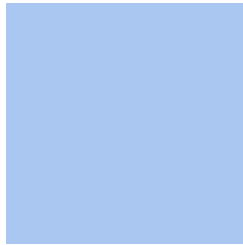
20.9059, 10.6348, 7.4212



1.7871, 0.9039, 0.8699

Previews

White Background



This preview shows how the XYZ color 53.0280, 55.8037, 91.9807 looks on a white background.

Color Contrast Check

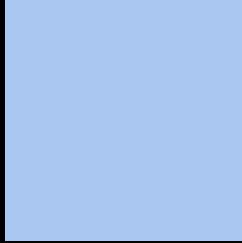
Large Text (above 18pt) WCAG AA × Fail

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 53.0280, 55.8037, 91.9807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

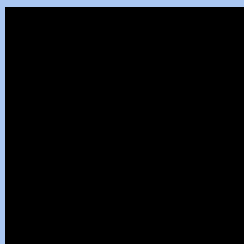
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

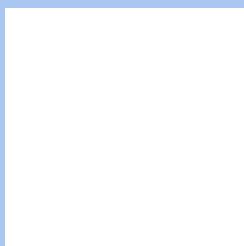
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.0280, 55.8037, 91.9807

Background



This preview shows how black text looks on a background with the XYZ color 53.0280, 55.8037, 91.9807.



This preview shows how white text looks on a background with the XYZ color 53.0280, 55.8037,

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

53.0280, 55.8037, 91.9807

Protanopia

55.5886, 55.8270, 89.5072

Deuteranopia

56.9859, 55.8175, 92.5644



Tritanopia

49.6592, 55.8257, 75.1759

Trichromacy



Original Color

53.0280, 55.8037, 91.9807

Protanomaly

54.5242, 55.5949, 90.2952

Deuteranomaly

55.4599, 55.6916, 92.6205

Tritanomaly

50.9220, 56.0026, 80.7988

Monochromacy



Original Color

53.0280, 55.8037, 91.9807

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.8733, 54.6724, 70.1062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0280, 55.8037, 91.9807 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, 199, 242)` looks like.

```
.text, #text, p{  
    color:rgb(170, 199, 242)  
}
```

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, 199, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 199, 242) }
```

Border

The CSS property to change the border of an element to XYZ 53.0280, 55.8037, 91.9807 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, 199, 242) }
```


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

```
.border{ border-color:rgb(170, 199, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 199, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 199, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 199, 242);  
box-shadow:4px 4px 4px 4px rgb(170, 199,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0280, 55.8037, 91.9807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 199, 242) }
```

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

```
.background{ background-color: rgb(170,  
199, 242) }
```

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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