

Converting Colors

XYZ(53.9872, 57.3019, 92.6993)

Have a look what the booklet for
XYZ(53.9872, 57.3019, 92.6993)
contains.

XYZ(54.0928, 57.3701, 93.0166)	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(54.0928, 57.3701,
93.0166)**

Conversions

Conversions Part 1

Format	Color
Hex	ABCAF3
RGB	171, 202, 243
RGB Percent	67%, 79%, 95%
CMY	0.3294, 0.2078, 0.0471
CMYK	0.30, 0.17, 0.00, 0.05
HSL	214°, 75%, 81%
HSV	214°, 30%, 95%
XYZ	54.0928, 57.3701, 93.0166
YIQ	197.4050, -31.6370, 6.1790

Conversions

Conversions Part 2

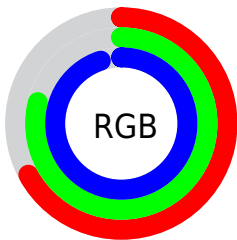
Format	Color
RYB	171, 193, 243
Decimal	11258611
CIELab	80.39, -1.11, -23.59
CIELCh	80, 23.612, 267.306
Yxy	57.3701, 0.2645, 0.2806
Android (android.graphics.Color)	4289448691 (0xFFABCAF3)
YUV	197.4050, 22.4783, -23.1572
Hunter-Lab	75.7431, -5.0724, -19.7912

Details

The XYZ color **54.0928, 57.3701, 93.0166** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **67.8572, 69.0825, 48.2875**, and the grayscale version is **53.1992, 55.9697, 60.9510**.

A 20% lighter version of the original color is **85.8049, 95.2340, 108.4673**, and **26.8957, 28.5496, 51.1068** is the 20% darker color. If you saturate the color by 10%, you get **46.1762, 48.6846, 91.7584**, and if you desaturate by 10%, it is **63.2772, 67.1440, 94.4201**.

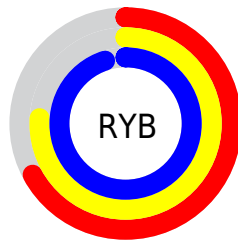
Distribution



Red (67%)

Green (79%)

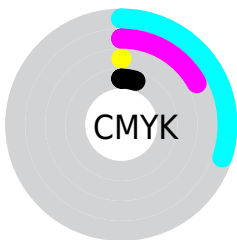
Blue (95%)



Red (67%)

Yellow (76%)

Blue (95%)

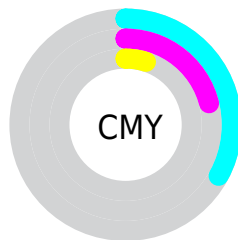


Cyan (30%)

Magenta (17%)

Yellow (0%)

Black (5%)



Cyan (33%)

Magenta (21%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0928, 57.3701, 93.0166 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 54.0928, 57.3701, 93.0166 by changing the saturation by 10% instead.

■ 54.0928, 57.3701,
93.0166

■ 54.0928, 57.3701,
93.0166

392.6564,
414.8347, 558.6170

■ 38.9068, 41.3025,
69.8976

■ 95.3666, 101.0050,
153.4935

■ 26.8676, 28.5555,
50.9667

122.1851,
129.3411, 191.6884

■ 17.6099, 18.7448,
35.8056

153.6118,
162.5354, 235.7458

■ 10.7683, 11.4860,
23.9956

190.0122,
200.9724, 286.0840

■ 5.9774, 6.3948,
15.1182

231.7514,
245.0364, 343.1217

■ 2.8719, 3.0866,
8.7548

279.1950,

■ 1.0864, 1.1771,

295.1118, 407.2774

4.4870

332.7082,
351.5831, 478.9696

■ 0.0137, 0.0429,
1.8961

■ 0.0000, 0.0000,
0.4903

■ 54.0928, 57.3701,
93.0166

■ 54.0928, 57.3701,
93.0166

■ 46.1762, 48.6846,
91.7584

■ 63.2772, 67.1440,
94.4201

■ 39.4610, 41.0379,
90.6363

■ 73.7805, 78.0396,
95.9695

■ 33.8824, 34.3864,
89.6465

■ 85.6576, 90.0969,
97.6708

■ 29.3670, 28.6797,
88.7830

■ 93.1779, 99.2511,
99.0414

■ 25.8316, 23.8622,
88.0394

■ 23.1784, 19.8697,
87.4086

■ 21.2555, 16.6096,
86.8807

■ 21.1919, 16.4993,
86.8628

Harmonies

Analogous

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



49.6593, 57.3701, 87.6604



54.0928, 57.3701, 93.0166



58.9058, 57.3701, 89.2383

Triad

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



54.0928, 57.3701, 93.0166



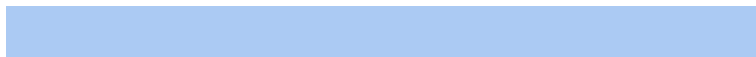
63.2139, 57.3701, 51.0304



47.0726, 57.3701, 49.1597

Complementary

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



54.0928, 57.3701, 93.0166



67.8572, 69.0825, 48.2875

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.



50.3737, 57.3701, 41.6683



54.0928, 57.3701, 93.0166



59.7061, 57.3701, 42.6309

Square

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



54.0928, 57.3701, 93.0166



64.3526, 57.3701, 63.7260



54.9667, 57.3701, 39.4656



45.7589, 57.3701, 61.2233

Rectangle

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



54.0928, 57.3701, 93.0166



61.6513, 57.3701, 82.3163



54.9667, 57.3701, 39.4656



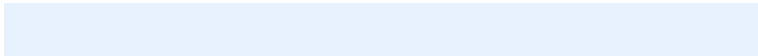
47.9767, 57.3701, 46.0952

Sweetspot

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



54.0946, 57.3724, 93.0179



83.0768, 87.8478, 107.1855



60.7050, 77.5037, 73.9168



17.3929, 18.4040, 22.8856



0.0000, 0.0000, 0.0000



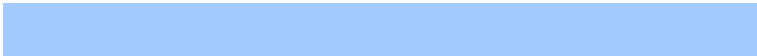
20.3446, 21.4041, 23.3091

Same Dimension

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



54.0946, 57.3724, 93.0179



54.4868, 57.6107, 102.8560



48.6014, 44.8054, 90.8818



16.1679, 17.1002, 20.9911



11.7587, 9.3112, 47.7155



1.1334, 1.0183, 4.2270

Inverse Universe

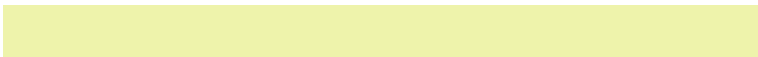
The Inverse Universe completely reimagines the original color for something new.



62.1873, 52.4464, 62.7251



65.1197, 51.8243, 62.9004



74.7295, 85.2544, 51.0468



16.7953, 16.6010, 18.6689



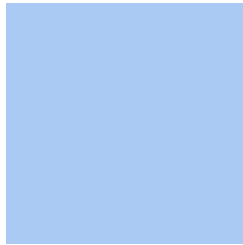
21.7398, 11.0393, 8.6039



1.9612, 0.9904, 1.0219

Previews

White Background



This preview shows how the XYZ color 54.0928, 57.3701, 93.0166 looks on a white background.

Color Contrast Check

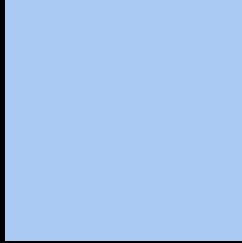
Large Text (above 18pt) WCAG AA × Fail

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 54.0928, 57.3701, 93.0166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

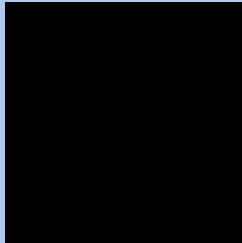
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

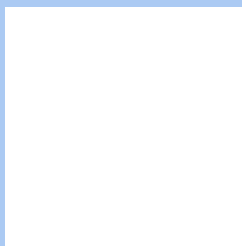
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.0928, 57.3701, 93.0166

Background



This preview shows how black text looks on a background with the XYZ color 54.0928, 57.3701, 93.0166.



This preview shows how white text looks on a background with the XYZ color 54.0928, 57.3701,

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

54.0928, 57.3701, 93.0166

Protanopia

56.9296, 57.1709, 90.4727

Deuteranopia

58.3499, 57.1640, 93.5463



Tritanopia

50.9820, 57.5235, 77.5234

Trichromacy



Original Color

54.0928, 57.3701, 93.0166

Protanomaly

55.8290, 57.2650, 91.3298

Deuteranomaly

56.7729, 57.3589, 93.6671

Tritanomaly

52.2627, 57.7006, 83.2457

Monochromacy



Original Color

54.0928, 57.3701, 93.0166

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.3001, 56.3933, 71.6941

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0928, 57.3701, 93.0166 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, 243)` looks like.

```
.text, #text, p{  
    color:rgb(171, 202, 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(171, 202, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 202, 243) }
```

Border

The CSS property to change the border of an element to XYZ 54.0928, 57.3701, 93.0166 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, 243) }
```


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

```
.border{ border-color:rgb(171, 202, 243) }
```

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, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 202, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 202, 243);  
box-shadow:4px 4px 4px 4px rgb(171, 202,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0928, 57.3701, 93.0166 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, 243) }
```

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

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