

Converting Colors

XYZ(57.8908, 70.9905,
126.1382)

Have a look what the booklet for
XYZ(57.8908, 70.9905, 126.1382)
contains.

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Color

**XYZ(53.9032, 69.3806,
105.1585)**

Conversions

Conversions Part 1

Format	Color
Hex	6EEAFF
RGB	110, 234, 255
RGB Percent	43%, 92%, 100%
CMY	0.5686, 0.0823, 0.0000
CMYK	0.57, 0.08, 0.00, 0.00
HSL	189°, 100%, 72%
HSV	189°, 57%, 100%
XYZ	53.9032, 69.3806, 105.1585
YIQ	199.3180, -80.6450, -19.7570

Conversions

Conversions Part 2

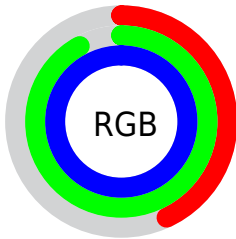
Format	Color
RYB	110, 177, 255
Decimal	7269119
CIELab	86.69, -28.77, -20.64
CIELCh	87, 35.407, 215.653
Yxy	69.3806, 0.2360, 0.3037
Android (android.graphics.Color)	4285459199 (0xFF6EEAFF)
YUV	199.3180, 27.4512, -78.3319
Hunter-Lab	83.2950, -30.2525, -16.5461

Details

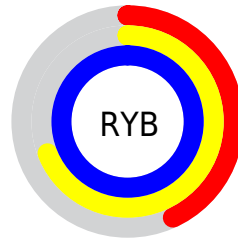
The XYZ color **53.9032, 69.3806, 105.1585** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **52.1717, 38.6195, 19.4585**, and the grayscale version is **54.3553, 57.1860, 62.2756**.

A 20% lighter version of the original color is **70.8233, 87.5107, 107.7662**, and **26.7406, 36.2413, 59.0120** is the 20% darker color. If you saturate the color by 10%, you get **50.1351, 65.8951, 104.6844**, and if you desaturate by 10%, it is **58.6096, 73.3854, 105.6835**.

Distribution



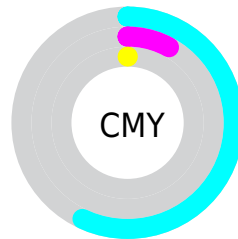
- Red (43%)
- Green (92%)
- Blue (100%)



- Red (43%)
- Yellow (69%)
- Blue (100%)



- Cyan (57%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (57%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9032, 69.3806, 105.1585 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 53.9032, 69.3806, 105.1585 by changing the saturation by 10% instead.

53.9032, 69.3806,
105.1585

53.9032, 69.3806,
105.1585

391.9452,
458.3722, 597.9951

38.7546, 51.0217,
79.9748

95.0898, 118.3250,
170.3417

26.7488, 36.2259,
59.1715

121.8586,
149.6794, 211.1783

17.5202, 24.6087,
42.3303

153.2315,
186.1343, 258.0696

10.7037, 15.7858,
29.0325

189.5739,
228.0743, 311.4340

5.9338, 9.3727,
18.8596

231.2511,
275.8837, 371.6903

2.8451, 4.9851,
11.3931

278.6284,

1.0724, 2.2385,

329.9469, 439.2569

6.2144

332.0713,
390.6482, 514.5523

■ 0.0018, 0.7409,
2.9050

■ 0.0000, 0.0000,
1.0463

■ 53.9032, 69.3806,
105.1585

■ 53.9032, 69.3806,
105.1585

■ 50.1351, 65.8951,
104.6844

■ 58.6096, 73.3854,
105.6835

■ 47.2188, 62.8796,
104.2560

■ 64.3199, 77.9389,
106.2614

■ 45.0613, 60.2873,
103.8694

■ 71.1002, 83.0769,
106.8958

■ 43.5426, 58.0563,
103.5188

■ 79.0094, 88.8300,
107.5894

■ 43.1404, 57.4009,
103.4135

■ 88.1019, 95.2264,
108.3448

95.0500, 100.0000,
108.9000

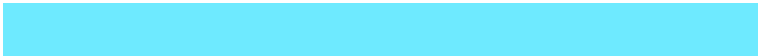
Harmonies

Analogous

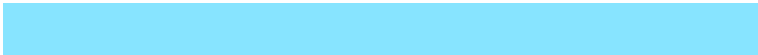
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.4167, 69.3806, 80.0961



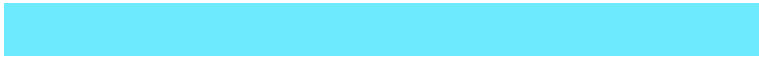
53.9032, 69.3806, 105.1585



59.6329, 69.3806, 124.8134

Triad

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



53.9032, 69.3806, 105.1585



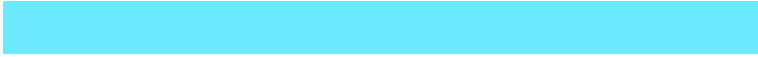
81.4377, 69.3806, 95.8108



64.3978, 69.3806, 38.8230

Complementary

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



53.9032, 69.3806, 105.1585



52.1717, 38.6195, 19.4585

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.



72.6857, 69.3806, 41.3194



53.9032, 69.3806, 105.1585



82.9788, 69.3806, 71.1671

Square

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



53.9032, 69.3806, 105.1585



75.6047, 69.3806, 118.6781



79.6567, 69.3806, 52.0870



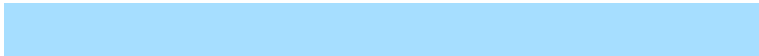
57.1438, 69.3806, 44.3774

Rectangle

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



53.9032, 69.3806, 105.1585



64.7519, 69.3806, 130.3441



79.6567, 69.3806, 52.0870



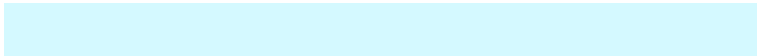
67.1510, 69.3806, 38.7653

Sweetspot

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



53.9051, 69.3831, 105.1589



78.8905, 88.7450, 107.5793



46.1764, 76.4295, 33.2060



16.5265, 18.7372, 22.9956



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.



53.9051, 69.3831, 105.1589



49.7612, 65.5283, 104.6333



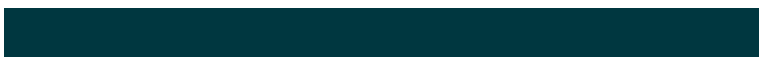
37.6089, 36.7907, 99.7269



18.3175, 20.0066, 23.1462



22.6275, 30.1645, 54.0643



2.2617, 3.0542, 5.2836

Inverse Universe

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



61.6685, 38.3541, 81.9974



58.4947, 32.9414, 78.0572



65.1369, 64.5501, 23.7802



18.6729, 18.2525, 22.1606



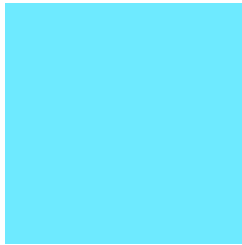
28.2095, 13.7731, 36.0833



2.7762, 1.3529, 3.6690

Previews

White Background



This preview shows how the XYZ color 53.9032, 69.3806, 105.1585 looks on a white background.

Color Contrast Check

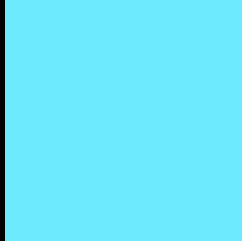
Large Text (above 18pt) WCAG AA × Fail

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 53.9032, 69.3806, 105.1585 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 53.9032, 69.3806, 105.1585

Background



This preview shows how black text looks on a background with the XYZ color 53.9032, 69.3806, 105.1585.

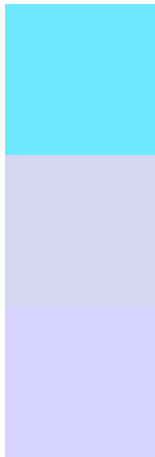


This preview shows how white text looks on a background with the XYZ color 53.9032, 69.3806,

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

53.9032, 69.3806, 105.1585

Protanopia

67.2250, 68.5010, 93.6833

Deuteranopia

69.3686, 68.2556, 104.1263



Tritanopia

53.4591, 69.1887, 103.4657

Trichromacy



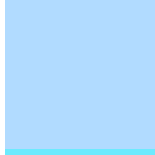
Original Color

53.9032, 69.3806, 105.1585



Protanomaly

60.3241, 67.5423, 97.8532



Deuteranomaly

61.5130, 67.2301, 104.3424



Tritanomaly

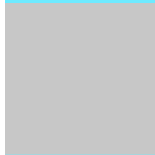
53.6189, 69.2526, 104.3070

Monochromacy



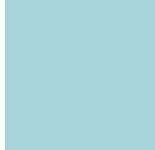
Original Color

53.9032, 69.3806, 105.1585



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

52.2660, 60.4169, 75.9248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9032, 69.3806, 105.1585 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(110, 234, 255)` looks like.

```
.text, #text, p{  
    color:rgb(110, 234, 255)  
}
```

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(110, 234, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 234, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.9032, 69.3806, 105.1585 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(110, 234, 255) }
```


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

```
.border{ border-color:rgb(110, 234, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 234, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 234, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 234, 255); box-shadow:4px 4px 4px 4px rgb(110, 234, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9032, 69.3806, 105.1585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 234, 255) }
```

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

```
.background{ background-color: rgb(110,  
234, 255) }
```

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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