

Converting Colors

XYZ(33.7932, 35.6704, 95.5465)

Have a look what the booklet for
XYZ(33.7932, 35.6704, 95.5465)
contains.

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Color

**XYZ(33.7932, 35.6704,
95.5465)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 4BA6FA |
| RGB | 75, 166, 250 |
| RGB Percent | 29%, 65%, 98% |
| CMY | 0.7058, 0.3490, 0.0196 |
| CMYK | 0.70, 0.34, 0.00, 0.02 |
| HSL | 209°, 95%, 64% |
| HSV | 209°, 70%, 98% |
| XYZ | 33.7932, 35.6704, 95.5465 |
| YIQ | 148.3670, -81.2000, 6.8320 |

Conversions

Conversions Part 2

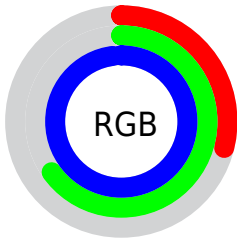
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 75, 135, 250 |
| Decimal | 4957946 |
| CIE Lab | 66.27, -0.39, -49.64 |
| CIE LCh | 66, 49.638, 269.555 |
| Yxy | 35.6704, 0.2048, 0.2162 |
| Android (android.graphics.Color) | 4283148026 (0xFF4BA6FA) |
| YUV | 148.3670, 50.1051, -64.3429 |
| Hunter-Lab | 59.7247, -3.5200, -53.0438 |

Details

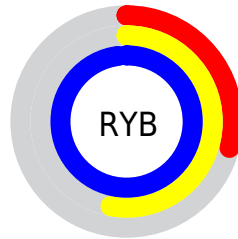
The XYZ color **33.7932, 35.6704, 95.5465** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **53.0951, 45.6323, 12.6682**, and the grayscale version is **28.1249, 29.5895, 32.2230**.

A 20% lighter version of the original color is **55.0618, 64.6837, 104.1909**, and **15.7564, 16.1117, 52.7315** is the 20% darker color. If you saturate the color by 10%, you get **30.1272, 30.6921, 94.7796**, and if you desaturate by 10%, it is **38.4332, 41.4539, 96.4190**.

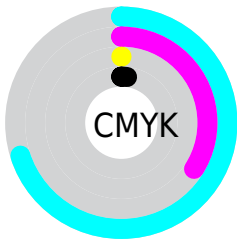
Distribution



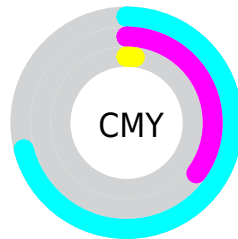
- Red (29%)
- Green (65%)
- Blue (98%)



- Red (29%)
- Yellow (53%)
- Blue (98%)



- Cyan (70%)
- Magenta (34%)
- Yellow (0%)
- Black (2%)



- Cyan (71%)
- Magenta (35%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.7932, 35.6704, 95.5465 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 33.7932, 35.6704, 95.5465 by changing the saturation by 10% instead.

■ 33.7932, 35.6704,
95.5465

■ 33.7932, 35.6704,
95.5465

310.8111,
327.5176, 566.9420

■ 22.8969, 24.1797,
71.9905

■ 64.9584, 68.5230,
157.0215

■ 14.6377, 15.4670,
52.6641

■ 85.9580, 90.6538,
195.7775

■ 8.6502, 9.1478,
37.1488

■ 111.0561,
117.1001, 240.4374

■ 4.5690, 4.8377,
25.0261

■ 140.6180,
148.2462, 291.4195

■ 2.0288, 2.1524,
15.8773

175.0091,
184.4767, 349.1425

■ 0.6501, 0.6938,
9.2839

214.5947,

■ 0.0000, 0.0000,

226.1758, 414.0249

4.8275

259.7403,
273.7280, 486.4852

■ 0.0000, 0.0000,
2.0894

■ 0.0000, 0.0000,
0.6095

■ 33.7932, 35.6704,
95.5465

■ 33.7932, 35.6704,
95.5465

■ 30.1272, 30.6921,
94.7796

■ 38.4332, 41.4539,
96.4190

■ 27.3297, 26.4551,
94.1092

■ 44.1288, 48.0913,
97.4000

■ 25.2382, 22.8675,
93.5269

■ 50.9568, 55.6302,
98.4953

■ 25.2373, 22.8659,
93.5267

■ 58.9851, 64.1129,
99.7095

■ 68.2759, 73.5787,
101.0469

■ 78.8868, 84.0641,
102.5115

■ 90.8718, 95.6037,
104.1072

■ 94.2555, 99.6822,
104.7161

Harmonies

Analogous

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



27.1889, 35.6704, 85.6647



33.7932, 35.6704, 95.5465



41.4226, 35.6704, 86.2024

Triad

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



33.7932, 35.6704, 95.5465



47.8580, 35.6704, 21.9981



23.0508, 35.6704, 21.6248

Complementary

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



33.7932, 35.6704, 95.5465



53.0951, 45.6323, 12.6682

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.



27.3545, 35.6704, 13.0711



33.7932, 35.6704, 95.5465



41.6418, 35.6704, 13.2249

Square

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



33.7932, 35.6704, 95.5465



50.2268, 35.6704, 39.1565



34.0143, 35.6704, 10.6689



21.5663, 35.6704, 38.5232

Rectangle

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



33.7932, 35.6704, 95.5465



45.9342, 35.6704, 71.7504



34.0143, 35.6704, 10.6689



24.1817, 35.6704, 17.9379

Sweetspot

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



33.7946, 35.6716, 95.5474



70.3595, 75.9018, 105.5499



43.1464, 72.2913, 43.4318



14.4641, 15.6442, 22.5072



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.



33.7946, 35.6716, 95.5474



30.2138, 30.2018, 98.8448



23.0889, 14.2603, 91.9789



17.0297, 18.1363, 21.9884



13.5316, 12.4188, 49.6574



1.3594, 1.3626, 4.6345

Inverse Universe

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



48.8246, 28.1111, 38.9299



47.7082, 25.1049, 32.1138



73.0963, 85.6348, 19.3353



17.6215, 17.3760, 19.8628



23.1222, 11.6646, 12.6176



2.1951, 1.1018, 1.4509

Previews

White Background



This preview shows how the XYZ color 33.7932, 35.6704, 95.5465 looks on a white background.

Color Contrast Check

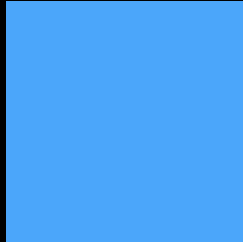
Large Text (above 18pt) WCAG AA × Fail

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 33.7932, 35.6704, 95.5465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

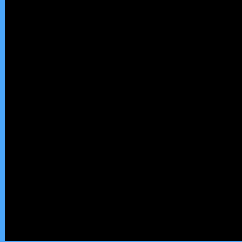
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

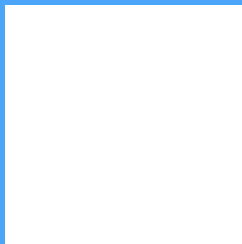
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.7932, 35.6704, 95.5465

Background



This preview shows how black text looks on a background with the XYZ color 33.7932, 35.6704, 95.5465.

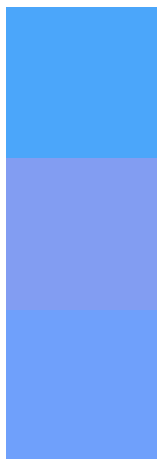


This preview shows how white text looks on a background with the XYZ color 33.7932, 35.6704,

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

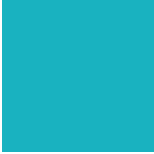
33.7932, 35.6704, 95.5465

Protanopia

37.2899, 35.2706, 88.8469

Deuteranopia

36.5389, 35.4862, 96.1905



Tritanopia

25.8357, 35.8532, 55.4279

Trichromacy



Original Color

33.7932, 35.6704, 95.5465

Protanomaly

35.4826, 35.0492, 91.2812

Deuteranomaly

35.3699, 35.4024, 96.2359

Tritanomaly

28.1426, 35.5898, 68.3370

Monochromacy



Original Color

33.7932, 35.6704, 95.5465

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.3635, 31.0104, 50.3896

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.7932, 35.6704, 95.5465 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(75, 166, 250)` looks like.

```
.text, #text, p{  
    color:rgb(75, 166, 250)  
}
```

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(75, 166, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 166, 250) }
```

Border

The CSS property to change the border of an element to XYZ 33.7932, 35.6704, 95.5465 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(75, 166, 250) }
```


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

```
.border{ border-color:rgb(75, 166, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 166, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 166, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 166, 250);  
box-shadow:4px 4px 4px 4px rgb(75, 166,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 33.7932, 35.6704, 95.5465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 166, 250) }
```

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

```
.background{ background-color: rgb(75, 166,  
250) }
```

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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