

Converting Colors

XYZ(35.6652, 37.2155, 94.1105)

Have a look what the booklet for
XYZ(35.6652, 37.2155, 94.1105)
contains.

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Color

**XYZ(35.6652, 37.2155,
94.1105)**

Conversions

Conversions Part 1

Format	Color
Hex	5FA8F8
RGB	95, 168, 248
RGB Percent	37%, 66%, 97%
CMY	0.6274, 0.3412, 0.0274
CMYK	0.62, 0.32, 0.00, 0.03
HSL	211°, 92%, 67%
HSV	211°, 62%, 97%
XYZ	35.6652, 37.2155, 94.1105
YIQ	155.2930, -69.1880, 9.4040

Conversions

Conversions Part 2

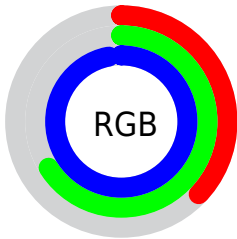
Format	Color
R_{YB}	95, 144, 248
Decimal	6269176
CIE Lab	67.44, 0.99, -46.65
CIE LCh	67, 46.663, 271.216
Yxy	37.2155, 0.2136, 0.2229
Android (android.graphics.Color)	4284459256 (0xFF5FA8F8)
YUV	155.2930, 45.7046, -52.8770
Hunter-Lab	61.0045, -2.4010, -48.7624

Details

The XYZ color **35.6652, 37.2155, 94.1105** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **56.1089, 51.4454, 17.8010**, and the grayscale version is **31.1127, 32.7330, 35.6463**.

A 20% lighter version of the original color is **58.3423, 67.1635, 104.4966**, and **15.6494, 16.2524, 51.6024** is the 20% darker color. If you saturate the color by 10%, you get **31.2113, 31.5414, 93.2508**, and if you desaturate by 10%, it is **41.1803, 43.7923, 95.0900**.

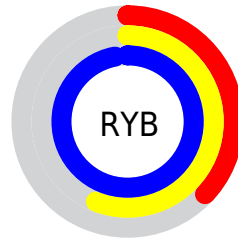
Distribution



Red (37%)

Green (66%)

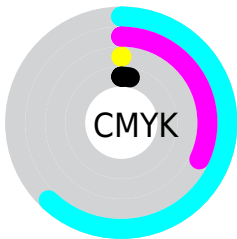
Blue (97%)



Red (37%)

Yellow (56%)

Blue (97%)

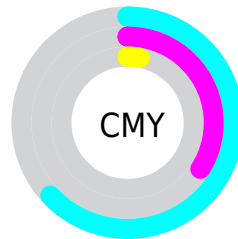


Cyan (62%)

Magenta (32%)

Yellow (0%)

Black (3%)



Cyan (63%)

Magenta (34%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.6652, 37.2155, 94.1105 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 35.6652, 37.2155, 94.1105 by changing the saturation by 10% instead.

■ 35.6652, 37.2155,
94.1105

■ 35.6652, 37.2155,
94.1105

318.9516,
334.2426, 562.2248

■ 24.3446, 25.3744,
70.8021

■ 67.8423, 70.9041,
155.0201

■ 15.7156, 16.3562,
51.6998

■ 89.4295, 93.5204,
193.4584

■ 9.4127, 9.7766,
36.3853

■ 115.1696,
120.4972, 237.7771

■ 5.0706, 5.2511,
24.4399

■ 145.4280,
152.2189, 288.3947

■ 2.3239, 2.3953,
15.4450

180.5701,
189.0699, 345.7297

■ 0.8069, 0.8235,
8.9822

220.9611,

■ 0.0000, 0.0000,

231.4345, 410.2007

4.6329

266.9665,
279.6973, 482.2262

■ 0.0000, 0.0000,
1.9786

■ 0.0000, 0.0000,
0.5421

■ 35.6652, 37.2155,
94.1105

■ 35.6652, 37.2155,
94.1105

■ 31.2113, 31.5414,
93.2508

■ 41.1803, 43.7923,
95.0900

■ 27.7266, 26.7104,
92.5020

■ 47.8294, 51.3174,
96.1921

■ 25.1077, 22.6592,
91.8580

■ 55.6832, 59.8374,
97.4227

■ 23.4600, 19.8106,
91.3951

■ 64.8049, 69.3941,
98.7865

■ 75.2532, 80.0265,
100.2881

■ 87.0828, 91.7714,
101.9316

■ 93.9434, 99.5574,
103.0729

Harmonies

Analogous

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



29.1482, 37.2155, 85.8366



35.6652, 37.2155, 94.1105



42.9984, 37.2155, 84.4638

Triad

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



35.6652, 37.2155, 94.1105



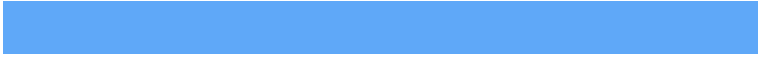
48.5021, 37.2155, 23.3283



24.6253, 37.2155, 24.3458

Complementary

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



35.6652, 37.2155, 94.1105



56.1089, 51.4454, 17.8010

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.



28.7056, 37.2155, 15.2886



35.6652, 37.2155, 94.1105



42.4246, 37.2155, 14.8558

Square

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



35.6652, 37.2155, 94.1105



51.0003, 37.2155, 39.6903



35.0808, 37.2155, 12.5013



23.3154, 37.2155, 41.3639

Rectangle

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



35.6652, 37.2155, 94.1105



47.2269, 37.2155, 70.5790



35.0808, 37.2155, 12.5013



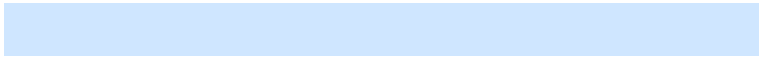
25.6885, 37.2155, 20.5005

Sweetspot

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



35.6666, 37.2168, 94.1114



71.8605, 76.8285, 105.6497



45.9331, 72.6268, 51.6696



14.7319, 15.7769, 22.5187



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.



35.6666, 37.2168, 94.1114



32.2610, 32.2767, 99.1374



26.0257, 17.5353, 90.8207



16.9662, 18.0092, 21.9672



12.8115, 10.9786, 49.4174



1.2920, 1.2276, 4.6120

Inverse Universe

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



49.8727, 30.9697, 40.3960



49.2346, 27.6031, 34.3324



73.4474, 87.4555, 23.8378



17.5895, 17.3631, 19.6939



22.7587, 11.5192, 10.7036



2.1610, 1.0882, 1.2715

Previews

White Background



This preview shows how the XYZ color 35.6652, 37.2155, 94.1105 looks on a white background.

Color Contrast Check

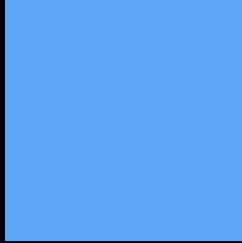
Large Text (above 18pt) WCAG AA × Fail

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 35.6652, 37.2155, 94.1105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

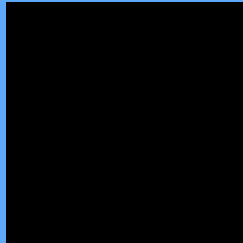
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

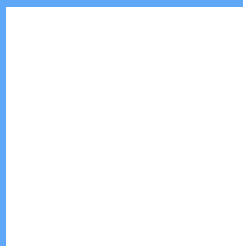
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.6652, 37.2155, 94.1105

Background



This preview shows how black text looks on a background with the XYZ color 35.6652, 37.2155, 94.1105.



This preview shows how white text looks on a background with the XYZ color 35.6652, 37.2155,

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

35.6652, 37.2155, 94.1105

Protanopia

38.9252, 37.1348, 89.1206

Deuteranopia

38.0812, 37.0989, 94.7762



Tritanopia

28.2000, 37.3557, 56.1761

Trichromacy



Original Color

35.6652, 37.2155, 94.1105

Protanomaly

37.4898, 37.1475, 90.7822

Deuteranomaly

37.2361, 37.1946, 94.8392

Tritanomaly

30.4821, 37.0837, 68.5021

Monochromacy



Original Color

35.6652, 37.2155, 94.1105

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

31.4290, 33.8023, 53.0121

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6652, 37.2155, 94.1105 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(95, 168, 248)` looks like.

```
.text, #text, p{  
    color:rgb(95, 168, 248)  
}
```

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(95, 168, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 168, 248) }
```

Border

The CSS property to change the border of an element to XYZ 35.6652, 37.2155, 94.1105 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(95, 168, 248) }
```


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

```
.border{ border-color:rgb(95, 168, 248) }
```

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

Here you see how a box with a 4 pixel rgb(95, 168, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 168, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 168, 248);  
box-shadow:4px 4px 4px 4px rgb(95, 168,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6652, 37.2155, 94.1105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 168, 248) }
```

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

```
.background{ background-color: rgb(95, 168,  
248) }
```

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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