

Converting Colors

XYZ(34.7077, 32.5460, 97.6553)

Have a look what the booklet for
XYZ(34.7077, 32.5460, 97.6553)
contains.

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Color

**XYZ(34.6668, 32.4914,
97.3728)**

Conversions

Conversions Part 1

Format	Color
Hex	6898FD
RGB	104, 152, 253
RGB Percent	41%, 60%, 99%
CMY	0.5921, 0.4039, 0.0078
CMYK	0.59, 0.40, 0.00, 0.01
HSL	221°, 97%, 70%
HSV	221°, 59%, 99%
XYZ	34.6668, 32.4914, 97.3728
YIQ	149.1620, -61.0290, 21.2350

Conversions

Conversions Part 2

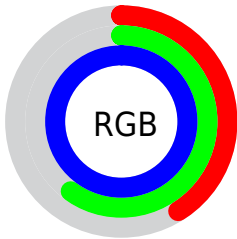
Format	Color
RYB	104, 140, 253
Decimal	6854909
CIELab	63.75, 13.50, -55.19
CIELCh	64, 56.822, 283.749
Yxy	32.4914, 0.2107, 0.1975
Android (android.graphics.Color)	4285044989 (0xFF6898FD)
YUV	149.1620, 51.1921, -39.6071
Hunter-Lab	57.0012, 8.8073, -61.3818

Details

The XYZ color **34.6668, 32.4914, 97.3728** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **64.8404, 65.5484, 22.3334**, and the grayscale version is **28.4463, 29.9278, 32.5913**.

A 20% lighter version of the original color is **55.6384, 59.3619, 103.1333**, and **15.1941, 13.7351, 54.0749** is the 20% darker color. If you saturate the color by 10%, you get **29.5732, 26.0282, 96.3944**, and if you desaturate by 10%, it is **41.0461, 40.2158, 98.5282**.

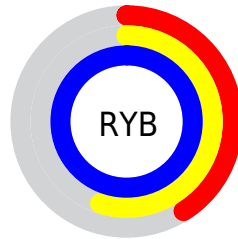
Distribution



Red (41%)

Green (60%)

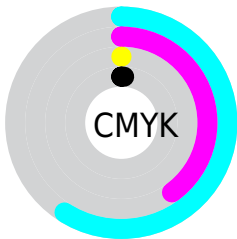
Blue (99%)



Red (41%)

Yellow (55%)

Blue (99%)

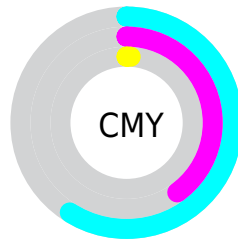


Cyan (59%)

Magenta (40%)

Yellow (0%)

Black (1%)



Cyan (59%)

Magenta (40%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.6668, 32.4914, 97.3728 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 34.6668, 32.4914, 97.3728 by changing the saturation by 10% instead.

■ 34.6668, 32.4914,
97.3728

■ 34.6668, 32.4914,
97.3728

314.6290,
313.3517, 572.9109

■ 23.5716, 21.7371,
73.5037

■ 66.3067, 63.5807,
159.5623

■ 15.1392, 13.6639,
53.8936

■ 87.5821, 84.6844,
198.7198

■ 9.0041, 7.8873,
38.1240

■ 112.9817,
110.0068, 243.8105

■ 4.8010, 4.0229,
25.7764

142.8708,
139.9322, 295.2530

■ 2.1645, 1.6864,
16.4321

177.6147,
174.8450, 353.4657

■ 0.7239, 0.4148,
9.6728

217.5788,

■ 0.0000, 0.0000,

215.1295, 418.8672

5.0798

263.1284,
261.1703, 491.8761

■ 0.0000, 0.0000,
2.2346

■ 0.0000, 0.0000,
0.6942

■ 34.6668, 32.4914,
97.3728

■ 34.6668, 32.4914,
97.3728

■ 29.5732, 26.0282,
96.3944

■ 41.0461, 40.2158,
98.5282

■ 25.6628, 20.7464,
95.5810

■ 48.7949, 49.2671,
99.8669

■ 22.8218, 16.5606,
94.9228

■ 57.9938, 59.7103,
101.3978

■ 20.8889, 13.3580,
94.4065

■ 68.7159, 71.6043,
103.1285

■ 20.7093, 13.0509,
94.3567

■ 81.0291, 85.0048,
105.0660

94.6991, 99.8106,
107.2034

94.7297, 99.8719,
107.2136

Harmonies

Analogous

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



26.7914, 32.4914, 96.4023



34.6668, 32.4914, 97.3728



42.7291, 32.4914, 77.4621

Triad

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



34.6668, 32.4914, 97.3728



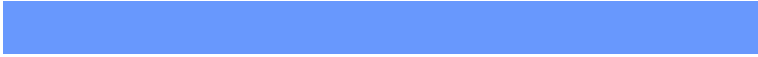
43.3190, 32.4914, 12.8896



18.3890, 32.4914, 24.4679

Complementary

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



34.6668, 32.4914, 97.3728



64.8404, 65.5484, 22.3334

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.



21.4563, 32.4914, 12.2109



34.6668, 32.4914, 97.3728



35.3693, 32.4914, 7.7663

Square

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



34.6668, 32.4914, 97.3728



48.2748, 32.4914, 25.9437



27.3834, 32.4914, 7.5873



18.2667, 32.4914, 46.8592

Rectangle

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



34.6668, 32.4914, 97.3728



46.7546, 32.4914, 58.5400



27.3834, 32.4914, 7.5873



19.0824, 32.4914, 19.3076

Sweetspot

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



34.6681, 32.4925, 97.3736



70.9977, 74.0396, 105.1568



51.6550, 77.5224, 68.9512



14.4723, 15.0513, 22.3924



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.



34.6681, 32.4925, 97.3736



29.1581, 25.2498, 97.9446



31.7098, 21.6487, 95.4365



17.4807, 18.3329, 22.8672



11.1328, 7.1751, 50.2328



1.1780, 0.8867, 4.9223

Inverse Universe

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



51.1270, 33.0521, 33.3915



47.8688, 27.8242, 24.7745



69.6731, 87.7723, 26.3684



18.2505, 18.0835, 19.9363



22.4075, 11.4523, 5.5304



2.2292, 1.1341, 0.7885

Previews

White Background



This preview shows how the XYZ color 34.6668, 32.4914, 97.3728 looks on a white background.

Color Contrast Check

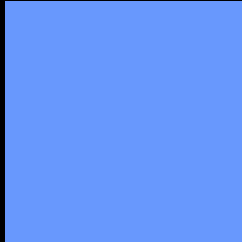
Large Text (above 18pt) WCAG AA × Fail

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 34.6668, 32.4914, 97.3728 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

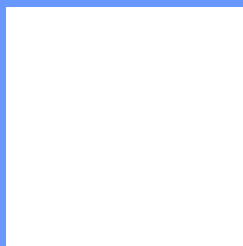
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.6668, 32.4914, 97.3728

Background



This preview shows how black text looks on a background with the XYZ color 34.6668, 32.4914, 97.3728.



This preview shows how white text looks on a background with the XYZ color 34.6668, 32.4914,

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

34.6668, 32.4914, 97.3728

Protanopia

35.1290, 32.2884, 95.6476

Deuteranopia

33.4407, 32.3636, 96.5798



Tritanopia

24.9069, 32.3901, 48.6552

Trichromacy



Original Color

34.6668, 32.4914, 97.3728

Protanomaly

35.0677, 32.4765, 96.5158

Deuteranomaly

33.7858, 32.2975, 96.5488

Tritanomaly

27.8390, 32.2305, 63.7853

Monochromacy



Original Color

34.6668, 32.4914, 97.3728

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.5489, 30.3871, 51.3216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6668, 32.4914, 97.3728 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(104, 152, 253)` looks like.

```
.text, #text, p{  
    color:rgb(104, 152, 253)  
}
```

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(104, 152, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 152, 253) }
```

Border

The CSS property to change the border of an element to XYZ 34.6668, 32.4914, 97.3728 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(104, 152, 253) }
```


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

```
.border{ border-color:rgb(104, 152, 253) }
```

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

Here you see how a box with a 4 pixel rgb(104, 152, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 152, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 152, 253);  
box-shadow:4px 4px 4px 4px rgb(104, 152,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6668, 32.4914, 97.3728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 152, 253) }
```

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

```
.background{ background-color: rgb(104,  
152, 253) }
```

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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