

Converting Colors

XYZ(35.3460, 32.6924, 93.2543)

Have a look what the booklet for
XYZ(35.3460, 32.6924, 93.2543)
contains.

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Color

**XYZ(35.3460, 32.6924,
93.2543)**

Conversions

Conversions Part 1

Format	Color
Hex	7597F8
RGB	117, 151, 248
RGB Percent	46%, 59%, 97%
CMY	0.5412, 0.4078, 0.0274
CMYK	0.53, 0.39, 0.00, 0.03
HSL	224°, 90%, 72%
HSV	224°, 53%, 97%
XYZ	35.3460, 32.6924, 93.2543
YIQ	151.8920, -51.4010, 22.9590

Conversions

Conversions Part 2

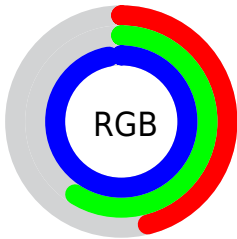
Format	Color
RYB	117, 144, 248
Decimal	7706616
CIELab	63.91, 15.12, -52.15
CIElCh	64, 54.301, 286.162
Yxy	32.6924, 0.2191, 0.2027
Android (android.graphics.Color)	4285896696 (0xFF7597F8)
YUV	151.8920, 47.3812, -30.6003
Hunter-Lab	57.1773, 10.2854, -56.6760

Details

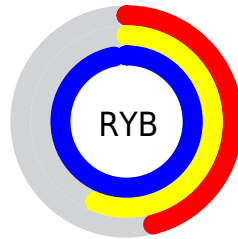
The XYZ color **35.3460, 32.6924, 93.2543** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **65.9709, 69.3370, 26.7379**, and the grayscale version is **29.6178, 31.1602, 33.9335**.

A 20% lighter version of the original color is **57.7858, 60.1127, 103.1650**, and **15.5790, 13.8532, 51.1431** is the 20% darker color. If you saturate the color by 10%, you get **29.7157, 25.7394, 92.2096**, and if you desaturate by 10%, it is **42.3217, 41.0233, 94.4953**.

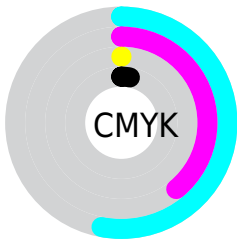
Distribution



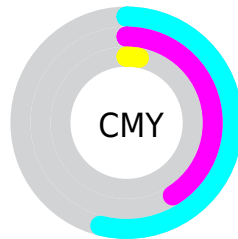
- Red (46%)
- Green (59%)
- Blue (97%)



- Red (46%)
- Yellow (56%)
- Blue (97%)



- Cyan (53%)
- Magenta (39%)
- Yellow (0%)
- Black (3%)



- Cyan (54%)
- Magenta (41%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3460, 32.6924, 93.2543 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 35.3460, 32.6924, 93.2543 by changing the saturation by 10% instead.

■ 35.3460, 32.6924,
93.2543

■ 35.3460, 32.6924,
93.2543

317.5743,
314.2614, 559.4020

■ 24.0973, 21.8909,
70.0940

■ 67.3519, 63.8950,
153.8254

■ 15.5309, 13.7768,
51.1259

■ 88.8399, 85.0649,
192.0733

■ 9.2816, 7.9656,
35.9314

■ 114.4716,
110.4597, 236.1875

■ 4.9839, 4.0729,
24.0920

144.6124,
140.4638, 286.5866

■ 2.2725, 1.7144,
15.1890

179.6277,
175.4617, 343.6890

■ 0.7805, 0.4330,
8.8041

219.8829,

■ 0.0000, 0.0000,

215.8376, 407.9134

4.5185

265.7433,
261.9760, 479.6782

■ 0.0000, 0.0000,
1.9139

■ 0.0000, 0.0000,
0.5016

■ 35.3460, 32.6924,
93.2543

■ 35.3460, 32.6924,
93.2543

■ 29.7157, 25.7394,
92.2096

■ 42.3217, 41.0233,
94.4953

■ 25.3343, 20.0816,
91.3485

■ 50.7223, 50.8012,
95.9399

■ 22.0979, 15.6318,
90.6602

■ 60.6256, 62.0943,
97.5977

■ 19.8815, 12.2886,
90.1317

■ 72.1023, 74.9655,
99.4772

■ 18.7972, 10.4850,
89.8407

■ 85.2186, 89.4739,
101.5863

■ 93.9434, 99.5574,
103.0728

Harmonies

Analogous

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



27.6891, 32.6924, 94.0966



35.3460, 32.6924, 93.2543



42.9244, 32.6924, 73.4289

Triad

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



35.3460, 32.6924, 93.2543



42.4037, 32.6924, 13.0507



18.8766, 32.6924, 26.4492

Complementary

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



35.3460, 32.6924, 93.2543



65.9709, 69.3370, 26.7379

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.



21.6326, 32.6924, 13.6790



35.3460, 32.6924, 93.2543



34.7222, 32.6924, 8.3740

Square

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



35.3460, 32.6924, 93.2543



47.4334, 32.6924, 25.1192



27.1593, 32.6924, 8.5435



18.9875, 32.6924, 48.6442

Rectangle

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



35.3460, 32.6924, 93.2543



46.5469, 32.6924, 55.4595



27.1593, 32.6924, 8.5435



19.4761, 32.6924, 21.1522

Sweetspot

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



35.3473, 32.6935, 93.2551



72.7080, 75.2823, 105.3066



52.9236, 75.7253, 74.8238



15.0173, 15.5028, 22.4508



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.



35.3473, 32.6935, 93.2551



31.5121, 27.2383, 98.2044



35.4408, 25.7574, 91.9114



16.6492, 17.3753, 21.8615



10.2499, 5.8553, 48.5635



1.0313, 0.7062, 4.5251

Inverse Universe

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



50.6598, 34.9151, 33.3482



49.7208, 31.1066, 26.6917



65.5238, 83.2384, 29.4447



17.4295, 17.2991, 18.8514



21.4657, 11.0020, 3.8948



2.0295, 1.0355, 0.5785

Previews

White Background



This preview shows how the XYZ color 35.3460, 32.6924, 93.2543 looks on a white background.

Color Contrast Check

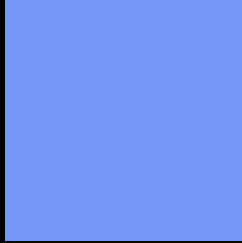
Large Text (above 18pt) WCAG AA × Fail

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 35.3460, 32.6924, 93.2543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

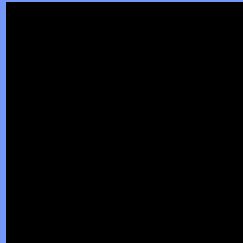
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.3460, 32.6924, 93.2543

Background



This preview shows how black text looks on a background with the XYZ color 35.3460, 32.6924, 93.2543.



This preview shows how white text looks on a background with the XYZ color 35.3460, 32.6924,

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

35.3460, 32.6924, 93.2543

Protanopia

35.3460, 32.6924, 93.2543

Deuteranopia

33.7654, 32.8674, 92.5601



Tritanopia

26.2871, 32.8543, 47.6039

Trichromacy



Original Color

35.3460, 32.6924, 93.2543

Protanomaly

35.3460, 32.6924, 93.2543

Deuteranomaly

34.2880, 32.8908, 92.5371

Tritanomaly

29.1234, 32.6742, 61.8985

Monochromacy



Original Color

35.3460, 32.6924, 93.2543

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.8453, 31.5333, 51.4745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3460, 32.6924, 93.2543 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(117, 151, 248)` looks like.

```
.text, #text, p{  
    color:rgb(117, 151, 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(117, 151, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 151, 248) }
```

Border

The CSS property to change the border of an element to XYZ 35.3460, 32.6924, 93.2543 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(117, 151, 248) }
```


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

```
.border{ border-color:rgb(117, 151, 248) }
```

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

Here you see how a box with a 4 pixel rgb(117, 151, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 151, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 151, 248);  
box-shadow:4px 4px 4px 4px rgb(117, 151,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3460, 32.6924, 93.2543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 151, 248) }
```

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

```
.background{ background-color: rgb(117,  
151, 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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