

Converting Colors

XYZ(35.3908, 32.5835, 88.4283)

Have a look what the booklet for
XYZ(35.3908, 32.5835, 88.4283)
contains.

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Color

**XYZ(35.3908, 32.5835,
88.4283)**

Conversions

Conversions Part 1

Format	Color
Hex	7D96F2
RGB	125, 150, 242
RGB Percent	49%, 59%, 95%
CMY	0.5098, 0.4118, 0.0510
CMYK	0.48, 0.38, 0.00, 0.05
HSL	227°, 82%, 72%
HSV	227°, 48%, 95%
XYZ	35.3908, 32.5835, 88.4283
YIQ	153.0130, -44.4320, 23.3120

Conversions

Conversions Part 2

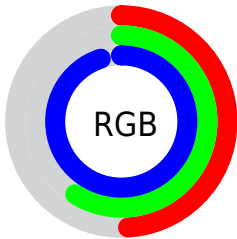
Format	Color
R _Y B	125, 146, 242
Decimal	8230642
CIE _{Lab}	63.82, 15.65, -48.97
CIE _{LCh}	64, 51.413, 287.722
Yxy	32.5835, 0.2263, 0.2083
Android (android.graphics.Color)	4286420722 (0xFF7D96F2)
YUV	153.0130, 43.8706, -24.5674
Hunter-Lab	57.0820, 10.7765, -51.8915

Details

The XYZ color **35.3908, 32.5835, 88.4283** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **65.1340, 69.9858, 29.4795**, and the grayscale version is **30.1141, 31.6824, 34.5021**.

A 20% lighter version of the original color is **59.1713, 60.4730, 103.1615**, and **15.5609, 13.7754, 47.7377** is the 20% darker color. If you saturate the color by 10%, you get **29.4848, 25.3916, 87.3521**, and if you desaturate by 10%, it is **42.6529, 41.2075, 89.7108**.

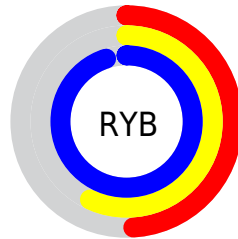
Distribution



Red (49%)

Green (59%)

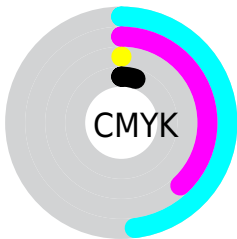
Blue (95%)



Red (49%)

Yellow (57%)

Blue (95%)

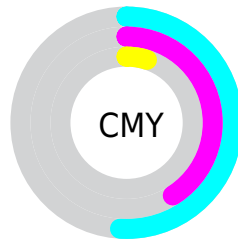


Cyan (48%)

Magenta (38%)

Yellow (0%)

Black (5%)



Cyan (51%)

Magenta (41%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3908, 32.5835, 88.4283 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 35.3908, 32.5835, 88.4283 by changing the saturation by 10% instead.

■ 35.3908, 32.5835,
88.4283

■ 35.3908, 32.5835,
88.4283

317.7678,
313.7688, 543.3424

■ 24.1320, 21.8076,
66.1115

■ 67.4208, 63.7247,
147.0697

■ 15.5568, 13.7156,
47.9059

■ 88.9227, 84.8588,
184.2313

■ 9.3000, 7.9231,
33.3929

■ 114.5696,
110.2144, 227.1783

■ 4.9960, 4.0458,
22.1540

144.7270,
140.1759, 276.3292

■ 2.2797, 1.6992,
13.7707

179.7601,
175.1277, 332.1025

■ 0.7842, 0.4231,
7.8244

220.0344,

■ 0.0000, 0.0000,

215.4542, 394.9168

3.8967

265.9152,
261.5397, 465.1906

■ 0.0000, 0.0000,
1.5688

■ 0.0000, 0.0000,
0.2684

■ 35.3908, 32.5835,
88.4283

■ 35.3908, 32.5835,
88.4283

■ 29.4848, 25.3916,
87.3521

■ 42.6529, 41.2075,
89.7108

■ 24.8438, 19.5481,
86.4687

■ 51.3468, 51.3340,
91.2072

■ 21.3710, 14.9653,
85.7672

■ 61.5468, 63.0328,
92.9277

■ 18.9527, 11.5427,
85.2341

■ 73.3209, 76.3680,
94.8811

■ 17.4366, 9.1553,
84.8531

■ 86.7329, 91.4003,
97.0757

■ 17.2420, 8.8406,
84.8027

■ 93.0271, 99.1909,
98.2477

Harmonies

Analogous

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



28.1100, 32.5835, 90.2371



35.3908, 32.5835, 88.4283



42.4193, 32.5835, 69.5120

Triad

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



35.3908, 32.5835, 88.4283



41.2798, 32.5835, 13.4415



19.2882, 32.5835, 27.6762

Complementary

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



35.3908, 32.5835, 88.4283



65.1340, 69.9858, 29.4795

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.



21.7913, 32.5835, 14.8885



35.3908, 32.5835, 88.4283



34.0169, 32.5835, 9.0827

Square

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



35.3908, 32.5835, 88.4283



46.1659, 32.5835, 24.6990



26.9329, 32.5835, 9.4825



19.5381, 32.5835, 49.0094

Rectangle

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



35.3908, 32.5835, 88.4283



45.6750, 32.5835, 52.7871



26.9329, 32.5835, 9.4825



19.8171, 32.5835, 22.4383

Sweetspot

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



35.3920, 32.5846, 88.4291



73.4953, 75.7419, 105.3538



52.6897, 72.8567, 76.6941



15.1536, 15.5557, 22.4538



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.



35.3920, 32.5846, 88.4291



33.3147, 28.7305, 98.3974



37.4923, 28.3641, 87.5038



15.1710, 15.7761, 19.9671



9.3429, 4.9100, 45.5832



0.8476, 0.5491, 3.8155

Inverse Universe

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



49.4577, 35.7480, 33.1485



51.1464, 33.6516, 28.1110



61.7070, 78.5193, 31.3072



15.9110, 15.8141, 17.0875



20.0415, 10.2890, 2.8690



1.7028, 0.8701, 0.4256

Previews

White Background



This preview shows how the XYZ color 35.3908, 32.5835, 88.4283 looks on a white background.

Color Contrast Check

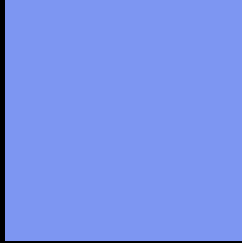
Large Text (above 18pt) WCAG AA × Fail

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 35.3908, 32.5835, 88.4283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

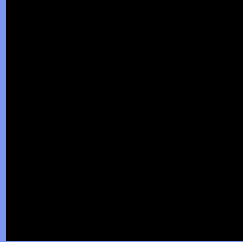
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.3908, 32.5835, 88.4283

Background



This preview shows how black text looks on a background with the XYZ color 35.3908, 32.5835, 88.4283.



This preview shows how white text looks on a background with the XYZ color 35.3908, 32.5835,

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

35.3908, 32.5835, 88.4283

Protanopia

34.9900, 32.5974, 89.2418

Deuteranopia

33.6171, 32.6502, 87.7494



Tritanopia

27.0370, 32.7285, 46.4872

Trichromacy



Original Color

35.3908, 32.5835, 88.4283

Protanomaly

35.2703, 32.7419, 89.2549

Deuteranomaly

34.2078, 32.7107, 87.7299

Tritanomaly

29.6228, 32.4581, 59.9621

Monochromacy



Original Color

35.3908, 32.5835, 88.4283

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.3129, 31.7989, 50.3864

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3908, 32.5835, 88.4283 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(125, 150, 242)` looks like.

```
.text, #text, p{  
    color:rgb(125, 150, 242)  
}
```

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(125, 150, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 150, 242) }
```

Border

The CSS property to change the border of an element to XYZ 35.3908, 32.5835, 88.4283 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(125, 150, 242) }
```


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

```
.border{ border-color:rgb(125, 150, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 150, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 150, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 150, 242);  
box-shadow:4px 4px 4px 4px rgb(125, 150,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3908, 32.5835, 88.4283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 150, 242) }
```

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

```
.background{ background-color: rgb(125,  
150, 242) }
```

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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