

Converting Colors

XYZ(33.1519, 30.4305, 88.1624)

Have a look what the booklet for
XYZ(33.1519, 30.4305, 88.1624)
contains.

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Color

**XYZ(33.2453, 30.5460,
88.1481)**

Conversions

Conversions Part 1

Format	Color
Hex	7292F2
RGB	114, 146, 242
RGB Percent	45%, 57%, 95%
CMY	0.5529, 0.4274, 0.0510
CMYK	0.53, 0.40, 0.00, 0.05
HSL	225°, 83%, 70%
HSV	225°, 53%, 95%
XYZ	33.2453, 30.5460, 88.1481
YIQ	147.3760, -49.8880, 23.0720

Conversions

Conversions Part 2

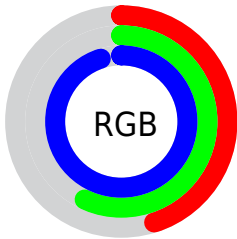
Format	Color
RYB	114, 140, 242
Decimal	7508722
CIELab	62.12, 15.56, -51.71
CIELCh	62, 53.996, 286.743
Yxy	30.5460, 0.2188, 0.2010
Android (android.graphics.Color)	4285698802 (0xFF7292F2)
YUV	147.3760, 46.6496, -29.2708
Hunter-Lab	55.2684, 10.6523, -55.8742

Details

The XYZ color **33.2453, 30.5460, 88.1481** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **62.7035, 66.1878, 25.3920**, and the grayscale version is **27.7175, 29.1610, 31.7563**.

A 20% lighter version of the original color is **55.9379, 57.4128, 102.7413**, and **14.3051, 12.5723, 47.5717** is the 20% darker color. If you saturate the color by 10%, you get **27.9245, 23.9744, 87.1607**, and if you desaturate by 10%, it is **39.8452, 38.4373, 89.3240**.

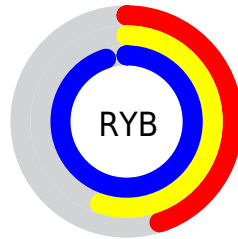
Distribution



Red (45%)

Green (57%)

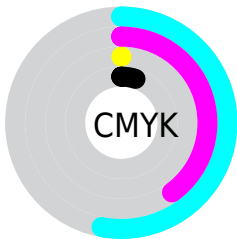
Blue (95%)



Red (45%)

Yellow (55%)

Blue (95%)

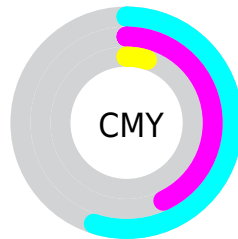


Cyan (53%)

Magenta (40%)

Yellow (0%)

Black (5%)



Cyan (55%)

Magenta (43%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.2453, 30.5460, 88.1481 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 33.2453, 30.5460, 88.1481 by changing the saturation by 10% instead.

■ 33.2453, 30.5460,
88.1481

■ 33.2453, 30.5460,
88.1481

308.3991,
304.4413, 542.4020

■ 22.4746, 20.2534,
65.8807

■ 64.1104, 60.5246,
146.6763

■ 14.3246, 12.5794,
47.7197

■ 84.9355, 80.9793,
183.7741

■ 8.4300, 7.1395,
33.2465

■ 109.8428,
105.5903, 226.6525

■ 4.4254, 3.5495,
22.0427

139.1976,
134.7418, 275.7301

■ 1.9455, 1.4249,
13.6897

173.3653,
168.8182, 331.4252

■ 0.6031, 0.2350,
7.7689

212.7112,

■ 0.0000, 0.0000,

208.2040, 394.1566

3.8618

257.6007,
253.2836, 464.3426

■ 0.0000, 0.0000,
1.5498

■ 0.0000, 0.0000,
0.2546

■ 33.2453, 30.5460,
88.1481

■ 33.2453, 30.5460,
88.1481

■ 27.9245, 23.9744,
87.1607

■ 39.8452, 38.4373,
89.3240

■ 23.7911, 18.6429,
86.3495

■ 47.8001, 47.7150,
90.6956

■ 20.7462, 14.4673,
85.7040

■ 57.1839, 58.4450,
92.2721

■ 18.6709, 11.3497,
85.2116

■ 68.0639, 70.6878,
94.0617

■ 17.6691, 9.6947,
84.9450

■ 80.5033, 84.5005,
96.0722

■ 92.9969, 99.1304,
98.2376

■ 93.0271, 99.1908,
98.2477

Harmonies

Analogous

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



25.9467, 30.5460, 89.3599



33.2453, 30.5460, 88.1481



40.4388, 30.5460, 68.8887

Triad

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



33.2453, 30.5460, 88.1481



39.6940, 30.5460, 11.8058



17.4501, 30.5460, 24.9044

Complementary

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



33.2453, 30.5460, 88.1481



62.7035, 66.1878, 25.3920

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.



20.0030, 30.5460, 12.6897



33.2453, 30.5460, 88.1481



32.3550, 30.5460, 7.5420

Square

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



33.2453, 30.5460, 88.1481



44.5662, 30.5460, 23.0159



25.1925, 30.5460, 7.7786



17.6072, 30.5460, 46.1644

Rectangle

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



33.2453, 30.5460, 88.1481



43.8479, 30.5460, 51.6849



25.1925, 30.5460, 7.7786



17.9990, 30.5460, 19.8338

Sweetspot

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



33.2465, 30.5470, 88.1489



72.6030, 75.0724, 105.2716



50.3256, 71.7357, 72.1680



14.9926, 15.4532, 22.4425



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.



33.2465, 30.5470, 88.1489



31.2977, 26.8096, 98.1329



33.9000, 24.5582, 86.9585



15.2183, 15.8707, 19.9829



9.5828, 5.3898, 45.6631



0.8736, 0.6012, 3.8242

Inverse Universe

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



47.8246, 32.9887, 31.0418



49.6126, 31.0633, 26.1219



61.3689, 78.4217, 27.8237



15.9349, 15.8237, 17.2132



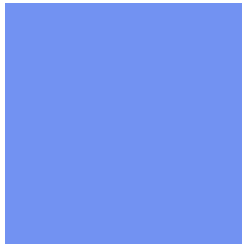
20.1626, 10.3375, 3.5067



1.7159, 0.8754, 0.4948

Previews

White Background



This preview shows how the XYZ color 33.2453, 30.5460, 88.1481 looks on a white background.

Color Contrast Check

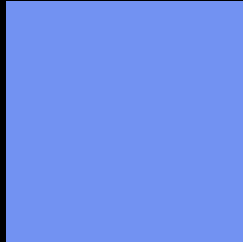
Large Text (above 18pt) WCAG AA × Fail

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 33.2453, 30.5460, 88.1481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

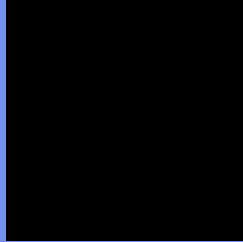
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.2453, 30.5460, 88.1481

Background



This preview shows how black text looks on a background with the XYZ color 33.2453, 30.5460, 88.1481.



This preview shows how white text looks on a background with the XYZ color 33.2453, 30.5460,

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

33.2453, 30.5460, 88.1481

Protanopia

32.9880, 30.4133, 88.1361

Deuteranopia

31.5028, 30.5965, 87.4644



Tritanopia

24.5041, 30.6805, 44.1656

Trichromacy



Original Color

33.2453, 30.5460, 88.1481

Protanomaly

33.1159, 30.4793, 88.1421

Deuteranomaly

32.1041, 30.6705, 87.4470

Tritanomaly

27.2271, 30.5068, 57.8795

Monochromacy



Original Color

33.2453, 30.5460, 88.1481

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.8689, 29.3957, 48.4084

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.2453, 30.5460, 88.1481 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(114, 146, 242)` looks like.

```
.text, #text, p{  
    color:rgb(114, 146, 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(114, 146, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 146, 242) }
```

Border

The CSS property to change the border of an element to XYZ 33.2453, 30.5460, 88.1481 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(114, 146, 242) }
```


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

```
.border{ border-color:rgb(114, 146, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 146, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 146, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 146, 242);  
box-shadow:4px 4px 4px 4px rgb(114, 146,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 33.2453, 30.5460, 88.1481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 146, 242) }
```

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

```
.background{ background-color: rgb(114,  
146, 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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