

Converting Colors

XYZ(36.4815, 33.3912, 99.1301)

Have a look what the booklet for
XYZ(36.4815, 33.3912, 99.1301)
contains.

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Color

**XYZ(36.4807, 33.3895,
99.1298)**

Conversions

Conversions Part 1

Format	Color
Hex	7498FF
RGB	116, 152, 255
RGB Percent	45%, 60%, 100%
CMY	0.5451, 0.4039, 0.0000
CMYK	0.55, 0.40, 0.00, 0.00
HSL	224°, 100%, 73%
HSV	224°, 55%, 100%
XYZ	36.4807, 33.3895, 99.1298
YIQ	152.9780, -54.5190, 24.4010

Conversions

Conversions Part 2

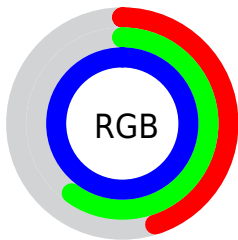
Format	Color
RYB	116, 145, 255
Decimal	7641343
CIELab	64.48, 16.49, -55.09
CIELCh	64, 57.506, 286.665
Yxy	33.3895, 0.2159, 0.1976
Android (android.graphics.Color)	4285831423 (0xFF7498FF)
YUV	152.9780, 50.2968, -32.4297
Hunter-Lab	57.7836, 11.5715, -61.2654

Details

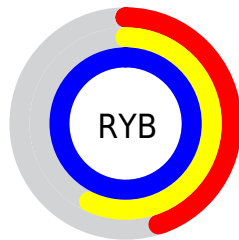
The XYZ color **36.4807, 33.3895, 99.1298** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **69.7255, 73.1866, 26.9765**, and the grayscale version is **30.0752, 31.6414, 34.4575**.

A 20% lighter version of the original color is **58.0258, 60.5927, 103.2450**, and **16.2598, 14.2581, 55.3212** is the 20% darker color. If you saturate the color by 10%, you get **30.7179, 26.2232, 98.0503**, and if you desaturate by 10%, it is **43.6646, 42.0146, 100.4160**.

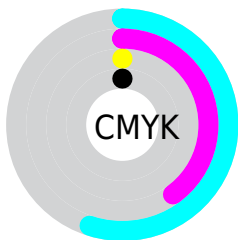
Distribution



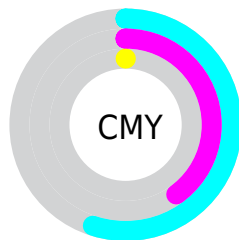
- Red (45%)
- Green (60%)
- Blue (100%)



- Red (45%)
- Yellow (57%)
- Blue (100%)



- Cyan (55%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.4807, 33.3895, 99.1298 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 36.4807, 33.3895, 99.1298 by changing the saturation by 10% instead.

■ 36.4807, 33.3895,
99.1298

■ 36.4807, 33.3895,
99.1298

322.4515,
317.4012, 578.6219

■ 24.9775, 22.4250,
74.9612

■ 69.0924, 64.9832,
162.0022

■ 16.1889, 14.1695,
55.0795

■ 90.9316, 86.3811,
201.5431

■ 9.7496, 8.2387,
39.0664

■ 116.9469,
112.0256, 247.0452

■ 5.2943, 4.2480,
26.5031

147.5036,
142.3012, 298.9270

■ 2.4575, 1.8133,
16.9713

182.9670,
177.5921, 357.6070

■ 0.8739, 0.4954,
10.0523

223.7026,

■ 0.0000, 0.0000,

218.2828, 423.5038

5.3276

270.0756,
264.7577, 497.0359

■ 0.0000, 0.0000,
2.3786

■ 0.0000, 0.0000,
0.7748

■ 36.4807, 33.3895,
99.1298

■ 36.4807, 33.3895,
99.1298

■ 30.7179, 26.2232,
98.0503

■ 43.6646, 42.0146,
100.4160

■ 26.2714, 20.4260,
97.1657

■ 52.3567, 52.1741,
101.9189

■ 23.0265, 15.9023,
96.4636

■ 62.6414, 63.9420,
103.6482

■ 20.8445, 12.5399,
95.9296

■ 74.5953, 77.3862,
105.6132

■ 20.0004, 11.1208,
95.7001

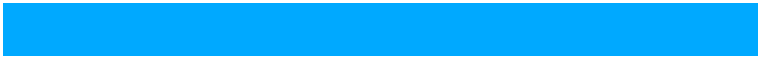
■ 88.2902, 92.5708,
107.8223

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



28.2327, 33.3895, 100.4627



36.4807, 33.3895, 99.1298



44.6560, 33.3895, 77.0366

Triad

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



36.4807, 33.3895, 99.1298



43.8465, 33.3895, 12.3923



18.7218, 33.3895, 26.8945

Complementary

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



36.4807, 33.3895, 99.1298



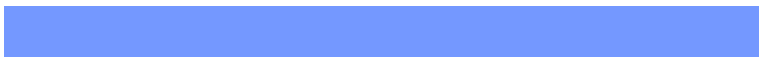
69.7255, 73.1866, 26.9765

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.



21.5841, 33.3895, 13.3209



36.4807, 33.3895, 99.1298



35.5171, 33.3895, 7.7246

Square

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



36.4807, 33.3895, 99.1298



49.3850, 33.3895, 24.8720



27.4211, 33.3895, 7.9693



18.8893, 33.3895, 50.9205

Rectangle

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



36.4807, 33.3895, 99.1298



48.5464, 33.3895, 57.3611



27.4211, 33.3895, 7.9693



19.3372, 33.3895, 21.2288

Sweetspot

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



36.4819, 33.3906, 99.1300



72.7020, 75.2703, 105.3045



55.6097, 80.2920, 78.8521



15.0159, 15.4999, 22.4503



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.



36.4819, 33.3906, 99.1300



30.4688, 25.9061, 98.0022



36.5884, 26.0492, 97.7073



17.3854, 18.1424, 22.8355



10.5520, 6.0137, 50.0392



1.1112, 0.7532, 4.9001

Inverse Universe

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



53.1538, 36.0194, 33.8575



49.0100, 30.1172, 25.1225



69.2113, 88.4006, 29.9402



18.2024, 18.0643, 19.6831



22.1144, 11.3350, 3.9868



2.1955, 1.1206, 0.6110

Previews

White Background



This preview shows how the XYZ color 36.4807, 33.3895, 99.1298 looks on a white background.

Color Contrast Check

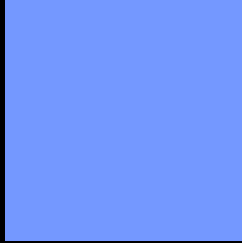
Large Text (above 18pt) WCAG AA × Fail

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 36.4807, 33.3895, 99.1298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

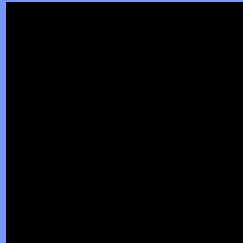
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.4807, 33.3895, 99.1298

Background



This preview shows how black text looks on a background with the XYZ color 36.4807, 33.3895, 99.1298.



This preview shows how white text looks on a background with the XYZ color 36.4807, 33.3895,

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

36.4807, 33.3895, 99.1298

Protanopia

36.3485, 33.3213, 99.1236

Deuteranopia

34.4972, 33.3656, 98.3879



Tritanopia

26.4629, 33.4653, 48.7808

Trichromacy



Original Color

36.4807, 33.3895, 99.1298

Protanomaly

36.3485, 33.3213, 99.1236

Deuteranomaly

35.2043, 33.4820, 98.3731

Tritanomaly

29.4511, 33.0474, 64.5011

Monochromacy



Original Color

36.4807, 33.3895, 99.1298

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.5007, 32.0756, 53.2461

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4807, 33.3895, 99.1298 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(116, 152, 255)` looks like.

```
.text, #text, p{  
    color:rgb(116, 152, 255)  
}
```

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(116, 152, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 152, 255) }
```

Border

The CSS property to change the border of an element to XYZ 36.4807, 33.3895, 99.1298 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(116, 152, 255) }
```


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

```
.border{ border-color:rgb(116, 152, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 152, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 152, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 152, 255);  
box-shadow:4px 4px 4px 4px rgb(116, 152,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4807, 33.3895, 99.1298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 152, 255) }
```

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

```
.background{ background-color: rgb(116,  
152, 255) }
```

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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