

Converting Colors

XYZ(38.6725, 31.5495,
136.4090)

Have a look what the booklet for
XYZ(38.6725, 31.5495, 136.4090)
contains.

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Color

**XYZ(31.5286, 28.7497,
98.4953)**

Conversions

Conversions Part 1

Format	Color
Hex	548FFF
RGB	84, 143, 255
RGB Percent	33%, 56%, 100%
CMY	0.6705, 0.4392, 0.0000
CMYK	0.67, 0.44, 0.00, 0.00
HSL	219°, 100%, 66%
HSV	219°, 67%, 100%
XYZ	31.5286, 28.7497, 98.4953
YIQ	138.1270, -71.1160, 22.3240

Conversions

Conversions Part 2

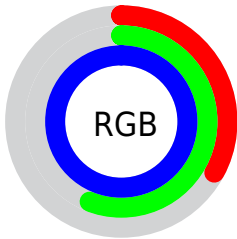
Format	Color
R _Y B	84, 128, 255
Decimal	5541887
CIE Lab	60.56, 16.12, -61.43
CIE LCh	61, 63.506, 284.703
Yxy	28.7497, 0.1986, 0.1811
Android (android.graphics.Color)	4283731967 (0xFF548FFF)
YUV	138.1270, 57.6184, -47.4694
Hunter-Lab	53.6187, 11.1278, -71.3800

Details

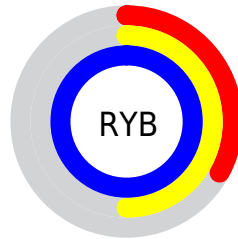
The XYZ color **31.5286, 28.7497, 98.4953** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **62.5826, 61.3843, 16.9395**, and the grayscale version is **24.0139, 25.2645, 27.5130**.

A 20% lighter version of the original color is **50.1844, 53.0894, 102.2100**, and **14.0807, 12.0366, 54.4045** is the 20% darker color. If you saturate the color by 10%, you get **27.3238, 23.1331, 97.6327**, and if you desaturate by 10%, it is **36.9391, 35.5427, 99.5213**.

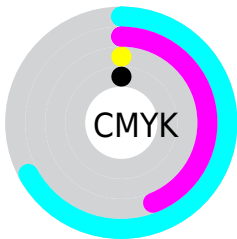
Distribution



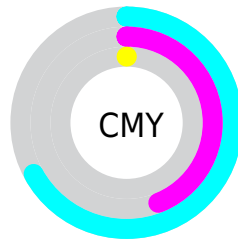
- Red (33%)
- Green (56%)
- Blue (100%)



- Red (33%)
- Yellow (50%)
- Blue (100%)



- Cyan (67%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)



- Cyan (67%)
- Magenta (44%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.5286, 28.7497, 98.4953 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 31.5286, 28.7497, 98.4953 by changing the saturation by 10% instead.

■ 31.5286, 28.7497,
98.4953

■ 31.5286, 28.7497,
98.4953

300.7498,
296.0321, 576.5630

■ 21.1555, 18.8916,
74.4346

■ 61.4415, 57.6792,
161.1216

■ 13.3508, 11.5919,
54.6509

■ 81.7121, 77.5193,
200.5244

■ 7.7492, 6.4665,
38.7256

■ 106.0125,
101.4555, 245.8782

■ 3.9854, 3.1307,
26.2401

■ 134.7081,
129.8722, 297.6017

■ 1.6939, 1.2004,
16.7760

168.1643,
163.1539, 356.1134

■ 0.4524, 0.0620,
9.9146

206.7464,

■ 0.0000, 0.0000,

201.6848, 421.8319

5.2375

250.8198,
245.8494, 495.1755

■ 0.0000, 0.0000,
2.3261

■ 0.0000, 0.0000,
0.7458

■ 31.5286, 28.7497,
98.4953

■ 31.5286, 28.7497,
98.4953

■ 27.3238, 23.1331,
97.6327

■ 36.9391, 35.5427,
99.5213

■ 24.2100, 18.6084,
96.9235

■ 43.6484, 43.5820,
100.7194

■ 22.0490, 15.0784,
96.3561

■ 51.7435, 52.9344,
102.0979

■ 21.5376, 14.1952,
96.2125

■ 61.3023, 63.6605,
103.6645

■ 72.3968, 75.8171,
105.4262

■ 85.0939, 89.4572,
107.3898

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.



23.3715, 28.7497, 98.2355



31.5286, 28.7497, 98.4953



39.9930, 28.7497, 75.6485

Triad

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



31.5286, 28.7497, 98.4953



40.1421, 28.7497, 9.0642



14.7587, 28.7497, 20.8330

Complementary

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



31.5286, 28.7497, 98.4953



62.5826, 61.3843, 16.9395

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.



17.6629, 28.7497, 8.9202



31.5286, 28.7497, 98.4953



31.7025, 28.7497, 4.8189

Square

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



31.5286, 28.7497, 98.4953



45.6014, 28.7497, 21.1794



23.5140, 28.7497, 4.7842



14.7307, 28.7497, 44.2283

Rectangle

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



31.5286, 28.7497, 98.4953



44.2142, 28.7497, 54.8503



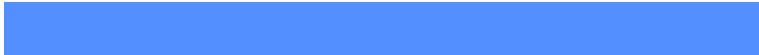
23.5140, 28.7497, 4.7842



15.4004, 28.7497, 15.6945

Sweetspot

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



31.5297, 28.7505, 98.4954



68.9656, 72.0849, 104.8866



49.2848, 77.3524, 64.0538



14.0880, 14.6922, 22.3433



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.



31.5297, 28.7505, 98.4954



26.2988, 21.6909, 97.4084



27.6091, 16.8554, 96.4060



17.5154, 18.4024, 22.8788



11.3786, 7.6668, 50.3147



1.2051, 0.9409, 4.9314

Inverse Universe

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



49.3691, 29.5854, 29.0955



45.8983, 25.0175, 20.6211



69.7860, 88.8762, 21.8663



18.2680, 18.0905, 20.0286



22.5316, 11.5019, 6.1838



2.2429, 1.1395, 0.8605

Previews

White Background



This preview shows how the XYZ color 31.5286, 28.7497, 98.4953 looks on a white background.

Color Contrast Check

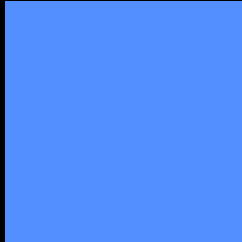
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.5286, 28.7497, 98.4953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

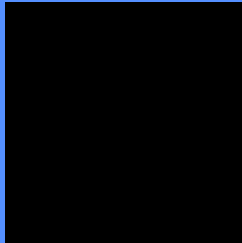
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

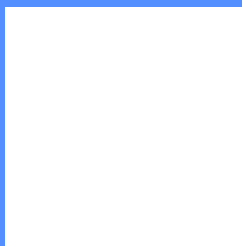
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.5286, 28.7497, 98.4953

Background



This preview shows how black text looks on a background with the XYZ color 31.5286, 28.7497, 98.4953.



This preview shows how white text looks on a background with the XYZ color 31.5286, 28.7497,

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

31.5286, 28.7497, 98.4953

Protanopia

31.8706, 28.5213, 96.7539

Deuteranopia

29.8444, 28.8075, 97.7534



Tritanopia

20.6941, 28.7052, 44.4944

Trichromacy



Original Color

31.5286, 28.7497, 98.4953

Protanomaly

31.7788, 28.6754, 97.6259

Deuteranomaly

30.3483, 28.8373, 97.7326

Tritanomaly

23.3738, 27.9585, 60.6645

Monochromacy



Original Color

31.5286, 28.7497, 98.4953

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.1898, 25.9439, 47.3961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5286, 28.7497, 98.4953 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(84, 143, 255)` looks like.

```
.text, #text, p{  
    color:rgb(84, 143, 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(84, 143, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 143, 255) }
```

Border

The CSS property to change the border of an element to XYZ 31.5286, 28.7497, 98.4953 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(84, 143, 255) }
```


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

```
.border{ border-color:rgb(84, 143, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 143, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 143, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 143, 255);  
box-shadow:4px 4px 4px 4px rgb(84, 143,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5286, 28.7497, 98.4953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 143, 255) }
```

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

```
.background{ background-color: rgb(84, 143,  
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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