

Converting Colors

XYZ(30.2313, 26.1550, 98.0628)

Have a look what the booklet for
XYZ(30.2313, 26.1550, 98.0628)
contains.

XYZ(30.2313, 26.1550, 98.0628)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.2313, 26.1550,
98.0628)**

Conversions

Conversions Part 1

Format	Color
Hex	5486FF
RGB	84, 134, 255
RGB Percent	33%, 53%, 100%
CMY	0.6705, 0.4745, 0.0000
CMYK	0.67, 0.47, 0.00, 0.00
HSL	222°, 100%, 66%
HSV	222°, 67%, 100%
XYZ	30.2313, 26.1550, 98.0628
YIQ	132.8440, -68.6410, 27.0310

Conversions

Conversions Part 2

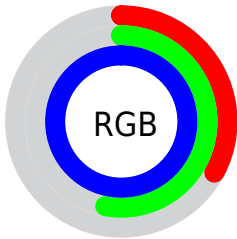
Format	Color
R_{YB}	84, 123, 255
Decimal	5539583
CIE _{Lab}	58.18, 21.55, -65.24
CIE _{LCh}	58, 68.706, 288.277
Yxy	26.1550, 0.1957, 0.1693
Android (android.graphics.Color)	4283729663 (0xFF5486FF)
YUV	132.8440, 60.2229, -42.8362
Hunter-Lab	51.1420, 16.0174, -77.8870

Details

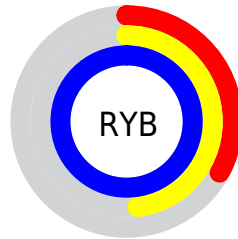
The XYZ color **30.2313, 26.1550, 98.0628** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **64.6745, 65.5679, 17.6369**, and the grayscale version is **22.0451, 23.1932, 25.2574**.

A 20% lighter version of the original color is **48.2147, 49.1502, 101.5535**, and **13.3265, 10.5282, 54.1531** is the 20% darker color. If you saturate the color by 10%, you get **26.0651, 20.6155, 97.2132**, and if you desaturate by 10%, it is **35.6554, 32.9750, 99.0933**.

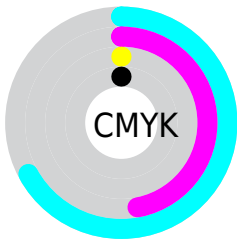
Distribution



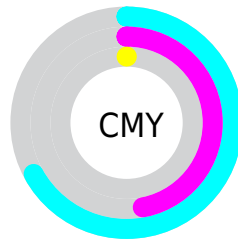
- Red (33%)
- Green (53%)
- Blue (100%)



- Red (33%)
- Yellow (48%)
- Blue (100%)



- Cyan (67%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (67%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2313, 26.1550, 98.0628 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 30.2313, 26.1550, 98.0628 by changing the saturation by 10% instead.

■ 30.2313, 26.1550,
98.0628

■ 30.2313, 26.1550,
98.0628

294.8716,
283.5421, 575.1573

■ 20.1632, 16.9396,
74.0758

■ 59.4119, 53.5249,
160.5211

■ 12.6227, 10.1915,
54.3590

■ 79.2551, 72.4482,
199.8294

■ 7.2444, 5.5261,
38.4936

■ 103.0873, 95.3763,
245.0820

■ 3.6631, 2.5591,
26.0612

■ 131.2739,
122.6936, 296.6974

■ 1.5134, 0.9062,
16.6433

164.1803,
154.7844, 355.0941

■ 0.3349, 0.0000,
9.8212

202.1718,

■ 0.0000, 0.0000,

192.0331, 420.6906

5.1765

245.6138,
234.8243, 493.9055

■ 0.0000, 0.0000,
2.2907

■ 0.0000, 0.0000,
0.7260

■ 30.2313, 26.1550,
98.0628

■ 30.2313, 26.1550,
98.0628

■ 26.0651, 20.6155,
97.2132

■ 35.6554, 32.9750,
99.0933

■ 23.0369, 16.2622,
96.5325

■ 42.4352, 41.1552,
100.3149

■ 21.0029, 12.9862,
96.0074

■ 50.6618, 50.7707,
101.7373

■ 20.5357, 12.1914,
95.8786

■ 60.4172, 61.8900,
103.3694

■ 71.7769, 74.5770,
105.2195

■ 84.8114, 88.8917,
107.2955

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.



21.7438, 26.1550, 101.1922



30.2313, 26.1550, 98.0628



38.8404, 26.1550, 71.2417

Triad

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



30.2313, 26.1550, 98.0628



37.1220, 26.1550, 6.1228



12.2388, 26.1550, 20.1346

Complementary

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



30.2313, 26.1550, 98.0628



64.6745, 65.5679, 17.6369

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.



14.7148, 26.1550, 7.5533



30.2313, 26.1550, 98.0628



28.2596, 26.1550, 3.0335

Square

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



30.2313, 26.1550, 98.0628



43.3912, 26.1550, 16.3742



20.1651, 26.1550, 3.3491



12.5368, 26.1550, 45.4318

Rectangle

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



30.2313, 26.1550, 98.0628



42.9152, 26.1550, 49.0649



20.1651, 26.1550, 3.3491



12.7468, 26.1550, 14.6458

Sweetspot

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



30.2324, 26.1557, 98.0629



68.2599, 70.6735, 104.6514



50.2807, 77.7507, 69.2977



13.9207, 14.3576, 22.2876



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.



30.2324, 26.1557, 98.0629



25.0605, 19.2144, 96.9957



28.7208, 17.4286, 96.4580



17.4357, 18.2429, 22.8522



10.8415, 6.5925, 50.1357



1.1451, 0.8209, 4.9114

Inverse Universe

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



48.7143, 29.3236, 25.6470



45.2733, 24.7674, 17.3298



67.1193, 87.5014, 21.7417



18.2278, 18.0744, 19.8167



22.2605, 11.3935, 4.7561



2.2126, 1.1274, 0.7010

Previews

White Background



This preview shows how the XYZ color 30.2313, 26.1550, 98.0628 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 30.2313, 26.1550, 98.0628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

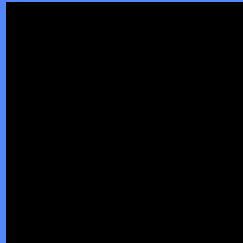
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.2313, 26.1550, 98.0628

Background



This preview shows how black text looks on a background with the XYZ color 30.2313, 26.1550, 98.0628.



This preview shows how white text looks on a background with the XYZ color 30.2313, 26.1550,

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

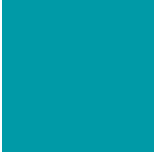
30.2313, 26.1550, 98.0628

Protanopia

29.8559, 26.1676, 98.0850

Deuteranopia

27.0856, 26.3110, 94.9178



Tritanopia

18.5307, 25.9012, 40.5820

Trichromacy



Original Color

30.2313, 26.1550, 98.0628

Protanomaly

30.0222, 26.2534, 98.0928

Deuteranomaly

27.3684, 25.7848, 95.6300

Tritanomaly

21.3076, 25.2823, 57.7898

Monochromacy



Original Color

30.2313, 26.1550, 98.0628

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.3936, 23.5942, 44.9161

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2313, 26.1550, 98.0628 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, 134, 255)` looks like.

```
.text, #text, p{  
    color:rgb(84, 134, 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, 134, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 134, 255) }
```

Border

The CSS property to change the border of an element to XYZ 30.2313, 26.1550, 98.0628 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, 134, 255) }
```


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

```
.border{ border-color:rgb(84, 134, 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, 134, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 134, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 134, 255);  
box-shadow:4px 4px 4px 4px rgb(84, 134,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2313, 26.1550, 98.0628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 134, 255) }
```

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

```
.background{ background-color: rgb(84, 134,  
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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