

Converting Colors

XYZ(29.5824, 26.2196, 92.3112)

Have a look what the booklet for
XYZ(29.5824, 26.2196, 92.3112)
contains.

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Color

**XYZ(29.5377, 26.1315,
92.2940)**

Conversions

Conversions Part 1

Format	Color
Hex	5787F8
RGB	87, 135, 248
RGB Percent	34%, 53%, 97%
CMY	0.6588, 0.4706, 0.0274
CMYK	0.65, 0.46, 0.00, 0.03
HSL	222°, 92%, 66%
HSV	222°, 65%, 97%
XYZ	29.5377, 26.1315, 92.2940
YIQ	133.5300, -64.8810, 24.9670

Conversions

Conversions Part 2

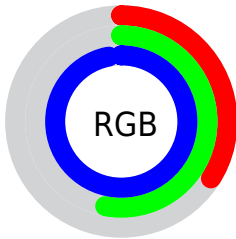
Format	Color
R _Y B	87, 124, 248
Decimal	5736440
CIE Lab	58.16, 19.01, -61.41
CIE LCh	58, 64.289, 287.201
Yxy	26.1315, 0.1996, 0.1766
Android (android.graphics.Color)	4283926520 (0xFF5787F8)
YUV	133.5300, 56.4337, -40.8068
Hunter-Lab	51.1190, 13.6831, -71.2633

Details

The XYZ color **29.5377, 26.1315, 92.2940** 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 **61.0885, 61.9572, 17.7579**, and the grayscale version is **22.3062, 23.4679, 25.5565**.

A 20% lighter version of the original color is **48.7957, 49.7657, 101.6417**, and **12.7318, 10.4172, 50.6299** is the 20% darker color. If you saturate the color by 10%, you get **25.3739, 20.6697, 91.4598**, and if you desaturate by 10%, it is **34.8958, 32.7988, 93.2991**.

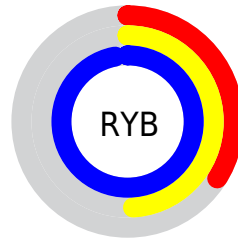
Distribution



Red (34%)

Green (53%)

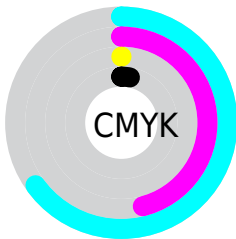
Blue (97%)



Red (34%)

Yellow (49%)

Blue (97%)

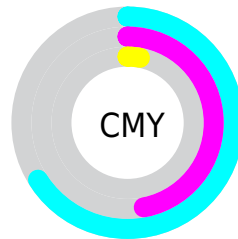


Cyan (65%)

Magenta (46%)

Yellow (0%)

Black (3%)



Cyan (66%)

Magenta (47%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5377, 26.1315, 92.2940 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 29.5377, 26.1315, 92.2940 by changing the saturation by 10% instead.

■ 29.5377, 26.1315,
92.2940

■ 29.5377, 26.1315,
92.2940

291.6922,
283.4270, 556.2267

■ 19.6343, 16.9220,
69.3005

■ 58.3220, 53.4870,
152.4840

■ 12.2362, 10.1789,
50.4832

■ 77.9335, 72.4019,
190.5176

■ 6.9781, 5.5178,
35.4236

■ 101.5118, 95.3206,
234.4016

■ 3.4946, 2.5541,
23.7032

■ 129.4223,
122.6277, 284.5545

■ 1.4204, 0.9037,
14.9034

162.0302,
154.7075, 341.3950

■ 0.2707, 0.0000,
8.6058

199.7009,

■ 0.0000, 0.0000,

191.9444, 405.3415

4.3917

242.7998,
234.7227, 476.8125

■ 0.0000, 0.0000,
1.8426

■ 0.0000, 0.0000,
0.4558

■ 29.5377, 26.1315,
92.2940

■ 29.5377, 26.1315,
92.2940

■ 25.3739, 20.6697,
91.4598

■ 34.8958, 32.7988,
93.2991

■ 22.2962, 16.3286,
90.7841

■ 41.5361, 40.7430,
94.4825

■ 20.1801, 13.0129,
90.2556

■ 49.5414, 50.0321,
95.8536

■ 19.3875, 11.6656,
90.0374

■ 58.9867, 60.7282,
97.4203

■ 69.9410, 72.8895,
99.1903

■ 82.4687, 86.5706,
101.1708

■ 93.9434, 99.5574,
103.0727

Harmonies

Analogous

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



21.6633, 26.1315, 94.1767



29.5377, 26.1315, 92.2940



37.5351, 26.1315, 68.7068

Triad

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



29.5377, 26.1315, 92.2940



36.4732, 26.1315, 7.1512



12.9026, 26.1315, 19.9652

Complementary

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



29.5377, 26.1315, 92.2940



61.0885, 61.9572, 17.7579

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.



15.3844, 26.1315, 8.1205



29.5377, 26.1315, 92.2940



28.3069, 26.1315, 3.7677

Square

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



29.5377, 26.1315, 92.2940



42.0787, 26.1315, 17.5544



20.6639, 26.1315, 3.9938



13.0961, 26.1315, 43.1255

Rectangle

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



29.5377, 26.1315, 92.2940



41.3715, 26.1315, 48.5332



20.6639, 26.1315, 3.9938



13.4255, 26.1315, 14.8523

Sweetspot

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



29.5388, 26.1323, 92.2947



69.5112, 72.1300, 104.8666



47.8896, 73.3182, 66.0896



14.1684, 14.6499, 22.3309



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.



29.5388, 26.1323, 92.2947



25.8621, 20.4149, 97.1851



27.9885, 17.5318, 90.7163



16.7048, 17.4863, 21.8801



10.5792, 6.5140, 48.6733



1.0680, 0.7796, 4.5374

Inverse Universe

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



46.4938, 28.5237, 25.9773



45.7762, 25.3449, 18.8179



63.5488, 82.3923, 21.5726



17.4575, 17.3104, 18.9990



21.6319, 11.0685, 4.7701



2.0480, 1.0429, 0.6762

Previews

White Background



This preview shows how the XYZ color 29.5377, 26.1315, 92.2940 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 29.5377, 26.1315, 92.2940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

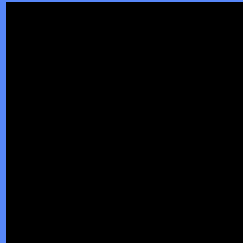
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.5377, 26.1315, 92.2940

Background



This preview shows how black text looks on a background with the XYZ color 29.5377, 26.1315, 92.2940.



This preview shows how white text looks on a background with the XYZ color 29.5377, 26.1315,

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

29.5377, 26.1315, 92.2940

Protanopia

29.3536, 26.0366, 92.2854

Deuteranopia

27.0739, 26.1750, 90.8141



Tritanopia

19.1661, 26.2394, 40.1310

Trichromacy



Original Color

29.5377, 26.1315, 92.2940

Protanomaly

29.4450, 26.0837, 92.2897

Deuteranomaly

27.7660, 26.0802, 91.5662

Tritanomaly

21.9731, 25.6652, 56.0203

Monochromacy



Original Color

29.5377, 26.1315, 92.2940

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.5991, 23.9272, 43.9321

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5377, 26.1315, 92.2940 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(87, 135, 248)` looks like.

```
.text, #text, p{  
    color:rgb(87, 135, 248)  
}
```

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(87, 135, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 135, 248) }
```

Border

The CSS property to change the border of an element to XYZ 29.5377, 26.1315, 92.2940 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(87, 135, 248) }
```


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

```
.border{ border-color:rgb(87, 135, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 135, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 135, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 135, 248);  
box-shadow:4px 4px 4px 4px rgb(87, 135,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5377, 26.1315, 92.2940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 135, 248) }
```

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

```
.background{ background-color: rgb(87, 135,  
248) }
```

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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