

Converting Colors

XYZ(29.0843, 25.4032, 96.2179)

Have a look what the booklet for
XYZ(29.0843, 25.4032, 96.2179)
contains.

XYZ(29.0976, 25.4034, 96.2982)	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(29.0976, 25.4034,
96.2982)**

Conversions

Conversions Part 1

Format	Color
Hex	4C85FD
RGB	76, 133, 253
RGB Percent	30%, 52%, 99%
CMY	0.7019, 0.4784, 0.0078
CMYK	0.70, 0.47, 0.00, 0.01
HSL	221°, 98%, 65%
HSV	221°, 70%, 99%
XYZ	29.0976, 25.4034, 96.2982
YIQ	129.6370, -72.4920, 25.2360

Conversions

Conversions Part 2

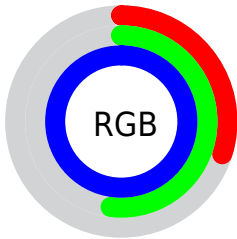
Format	Color
RYB	76, 119, 253
Decimal	5015037
CIELab	57.47, 20.32, -65.31
CIELCh	57, 68.399, 287.281
Yxy	25.4034, 0.1930, 0.1685
Android (android.graphics.Color)	4283205117 (0xFF4C85FD)
YUV	129.6370, 60.8180, -47.0396
Hunter-Lab	50.4018, 14.8472, -77.9989

Details

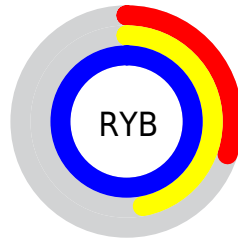
The XYZ color **29.0976, 25.4034, 96.2982** is a light color, and the websafe version is hex **6699FF**. The color can be described as light washed azure. A complement of this color would be **61.5555, 60.8894, 15.3480**, and the grayscale version is **20.9024, 21.9909, 23.9481**.

A 20% lighter version of the original color is **46.9366, 48.1775, 101.4331**, and **13.0207, 10.2808, 52.9279** is the 20% darker color. If you saturate the color by 10%, you get **25.3083, 20.2438, 95.5026**, and if you desaturate by 10%, it is **34.0625, 31.7386, 97.2599**.

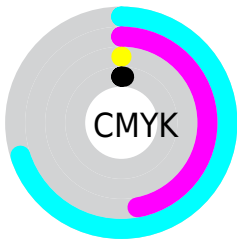
Distribution



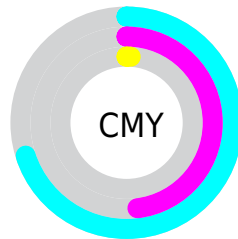
- Red (30%)
- Green (52%)
- Blue (99%)



- Red (30%)
- Yellow (47%)
- Blue (99%)



- Cyan (70%)
- Magenta (47%)
- Yellow (0%)
- Black (1%)



- Cyan (70%)
- Magenta (48%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0976, 25.4034, 96.2982 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 29.0976, 25.4034, 96.2982 by changing the saturation by 10% instead.

■ 29.0976, 25.4034,
96.2982

■ 29.0976, 25.4034,
96.2982

289.6611,
279.8410, 569.4029

■ 19.2993, 16.3779,
72.6131

■ 57.6286, 52.3109,
158.0679

■ 11.9920, 9.7919,
53.1698

■ 77.0920, 70.9617,
196.9895

■ 6.8104, 5.2612,
37.5497

■ 100.5079, 93.5896,
241.8271

■ 3.3891, 2.4013,
25.3342

■ 128.2415,
120.5791, 292.9992

■ 1.3627, 0.8266,
16.1050

160.6583,
152.3146, 350.9242

■ 0.2294, 0.0000,
9.4433

198.1236,

■ 0.0000, 0.0000,

189.1805, 416.0208

4.9307

241.0027,
231.5612, 488.7075

■ 0.0000, 0.0000,
2.1486

■ 0.0000, 0.0000,
0.6445

■ 29.0976, 25.4034,
96.2982

■ 29.0976, 25.4034,
96.2982

■ 25.3083, 20.2438,
95.5026

■ 34.0625, 31.7386,
97.2599

■ 22.5737, 16.1696,
94.8603

■ 40.2995, 39.3245,
98.3954

■ 20.7139, 13.0581,
94.3578

■ 47.8985, 48.2318,
99.7142

■ 20.7068, 13.0461,
94.3558

■ 56.9397, 58.5245,
101.2244

■ 67.4966, 70.2623,
102.9336

■ 79.6379, 83.5011,
104.8490

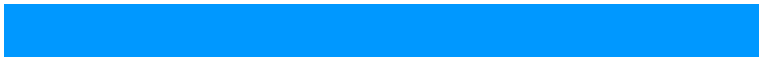
■ 93.4275, 98.2939,
106.9775

■ 94.7297, 99.8719,
107.2135

Harmonies

Analogous

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



20.8618, 25.4034, 98.4348



29.0976, 25.4034, 96.2982



37.5607, 25.4034, 70.5534

Triad

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



29.0976, 25.4034, 96.2982



36.3905, 25.4034, 6.0728



11.8730, 25.4034, 18.9212

Complementary

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



29.0976, 25.4034, 96.2982



61.5555, 60.8894, 15.3480

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.



14.3779, 25.4034, 7.0379



29.0976, 25.4034, 96.2982



27.7562, 25.4034, 2.9319

Square

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



29.0976, 25.4034, 96.2982



42.3777, 25.4034, 16.3700



19.7892, 25.4034, 3.1436



12.0750, 25.4034, 43.2204

Rectangle

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



29.0976, 25.4034, 96.2982



41.6434, 25.4034, 48.8251



19.7892, 25.4034, 3.1436



12.3977, 25.4034, 13.7128

Sweetspot

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



29.0987, 25.4041, 96.2989



67.5100, 70.2029, 104.6001



47.8449, 75.6832, 63.1280



13.7905, 14.2970, 22.2827



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.



29.0987, 25.4041, 96.2989



24.5078, 18.7899, 96.9429



26.2006, 15.2965, 94.5006



17.4805, 18.3326, 22.8672



11.1315, 7.1725, 50.2323



1.1779, 0.8864, 4.9223

Inverse Universe

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



47.3272, 27.7466, 25.0519



44.8281, 23.9529, 16.9474



67.0168, 86.5408, 20.0114



18.2504, 18.0835, 19.9358



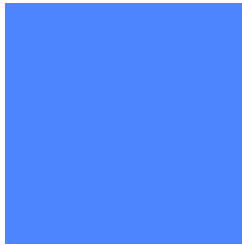
22.4069, 11.4520, 5.5270



2.2291, 1.1340, 0.7881

Previews

White Background



This preview shows how the XYZ color 29.0976, 25.4034, 96.2982 looks on a white background.

Color Contrast Check

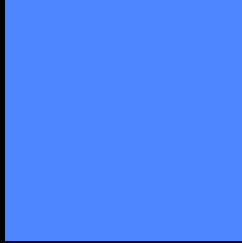
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0976, 25.4034, 96.2982 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

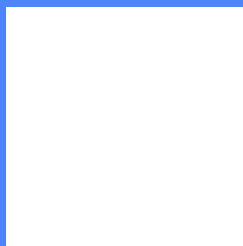
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.0976, 25.4034, 96.2982

Background



This preview shows how black text looks on a background with the XYZ color 29.0976, 25.4034, 96.2982.



This preview shows how white text looks on a background with the XYZ color 29.0976, 25.4034,

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

29.0976, 25.4034, 96.2982

Protanopia

29.0188, 25.3628, 96.2946

Deuteranopia

26.1666, 25.4716, 91.5331



Tritanopia

17.9291, 25.1368, 39.0289

Trichromacy



Original Color

29.0976, 25.4034, 96.2982

Protanomaly

29.0188, 25.3628, 96.2946

Deuteranomaly

26.5234, 24.9778, 93.0458

Tritanomaly

20.5681, 24.4832, 55.8662

Monochromacy



Original Color

29.0976, 25.4034, 96.2982

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.2846, 22.6427, 43.7534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0976, 25.4034, 96.2982 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(76, 133, 253)` looks like.

```
.text, #text, p{  
    color:rgb(76, 133, 253)  
}
```

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(76, 133, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 133, 253) }
```

Border

The CSS property to change the border of an element to XYZ 29.0976, 25.4034, 96.2982 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(76, 133, 253) }
```


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

```
.border{ border-color:rgb(76, 133, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 133, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 133, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 133, 253);  
box-shadow:4px 4px 4px 4px rgb(76, 133,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0976, 25.4034, 96.2982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 133, 253) }
```

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

```
.background{ background-color: rgb(76, 133,  
253) }
```

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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