

Converting Colors

XYZ(28.5197, 26.3804, 76.2618)

Have a look what the booklet for
XYZ(28.5197, 26.3804, 76.2618)
contains.

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Color

**XYZ(28.5197, 26.3804,
76.2618)**

Conversions

Conversions Part 1

Format	Color
Hex	6889E3
RGB	104, 137, 227
RGB Percent	41%, 54%, 89%
CMY	0.5921, 0.4627, 0.1098
CMYK	0.54, 0.40, 0.00, 0.11
HSL	224°, 69%, 65%
HSV	224°, 54%, 89%
XYZ	28.5197, 26.3804, 76.2618
YIQ	137.3930, -48.5580, 20.9940

Conversions

Conversions Part 2

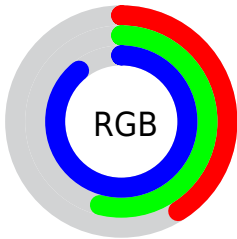
Format	Color
RYB	104, 130, 227
Decimal	6851043
CIELab	58.40, 14.06, -49.35
CIELCh	58, 51.310, 285.909
Yxy	26.3804, 0.2174, 0.2011
Android (android.graphics.Color)	4285041123 (0xFF6889E3)
YUV	137.3930, 44.1763, -29.2857
Hunter-Lab	51.3619, 9.2325, -52.0802

Details

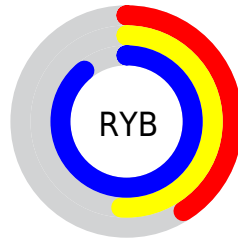
The XYZ color **28.5197, 26.3804, 76.2618** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **53.4707, 55.9165, 21.0731**, and the grayscale version is **23.7786, 25.0170, 27.2435**.

A 20% lighter version of the original color is **51.3637, 51.7283, 101.8851**, and **11.7155, 10.3708, 39.9124** is the 20% darker color. If you saturate the color by 10%, you get **24.0485, 20.8362, 75.4279**, and if you desaturate by 10%, it is **34.0656, 33.0189, 77.2514**.

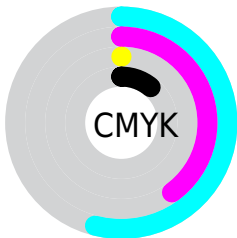
Distribution



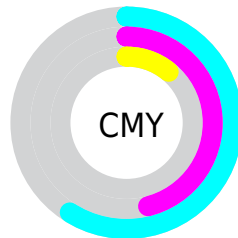
- Red (41%)
- Green (54%)
- Blue (89%)



- Red (41%)
- Yellow (51%)
- Blue (89%)



- Cyan (54%)
- Magenta (40%)
- Yellow (0%)
- Black (11%)



- Cyan (59%)
- Magenta (46%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5197, 26.3804, 76.2618 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 28.5197, 26.3804, 76.2618 by changing the saturation by 10% instead.

■ 28.5197, 26.3804,
76.2618

■ 28.5197, 26.3804,
76.2618

286.9772,
284.6445, 501.6141

■ 18.8602, 17.1084,
56.1393

■ 56.7160, 53.8880,
129.8604

■ 11.6727, 10.3118,
39.9098

■ 75.9835, 72.8924,
164.1735

■ 6.5919, 5.6062,
27.1550

■ 99.1844, 95.9098,
204.0539

■ 3.2522, 2.6071,
17.4562

■ 126.6840,
123.3245, 249.9202

■ 1.2885, 0.9303,
10.3949

158.8478,
155.5209, 302.1907

■ 0.1746, 0.0000,
5.5526

196.0410,

■ 0.0000, 0.0000,

192.8834, 361.2842

2.5106

238.6290,
235.7965, 427.6192

■ 0.0000, 0.0000,
0.8458

■ 0.0000, 0.0000,
0.0000

■ 28.5197, 26.3804,
76.2618

■ 28.5197, 26.3804,
76.2618

■ 24.0485, 20.8362,
75.4279

■ 34.0656, 33.0189,
77.2514

■ 20.5739, 16.3205,
74.7394

■ 40.7503, 40.8068,
78.4023

■ 18.0115, 12.7635,
74.1879

■ 48.6367, 49.7985,
79.7222

■ 16.2596, 10.0840,
73.7630

■ 57.7816, 60.0439,
81.2178

■ 15.5285, 8.8726,
73.5677

■ 68.2385, 71.5900,
82.8953

■ 80.0575, 84.4814,
84.7606

■ 90.3171, 97.2299,
86.6806

■ 90.8652, 98.3261,
86.8633

Harmonies

Analogous

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



22.2561, 26.3804, 76.8056



28.5197, 26.3804, 76.2618



34.7499, 26.3804, 60.0034

Triad

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



28.5197, 26.3804, 76.2618



34.4155, 26.3804, 10.3980



15.1179, 26.3804, 21.1222

Complementary

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



28.5197, 26.3804, 76.2618



53.4707, 55.9165, 21.0731

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.



17.3846, 26.3804, 10.7956



28.5197, 26.3804, 76.2618



28.1198, 26.3804, 6.5847

Square

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



28.5197, 26.3804, 76.2618



38.5213, 26.3804, 20.2735



21.9172, 26.3804, 6.6912



15.1886, 26.3804, 39.2460

Rectangle

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



28.5197, 26.3804, 76.2618



37.7445, 26.3804, 45.2168



21.9172, 26.3804, 6.6912



15.6130, 26.3804, 16.8257

Sweetspot

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



28.5207, 26.3813, 76.2625



72.8045, 75.4753, 105.3387



42.7102, 61.6945, 59.6148



15.0401, 15.5483, 22.4584



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.



28.5207, 26.3813, 76.2625



30.6797, 26.3279, 98.0725



28.1229, 20.2457, 75.0991



13.8958, 14.5130, 18.2132



9.1385, 5.3391, 42.9321



0.7503, 0.5446, 3.1975

Inverse Universe

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



41.1452, 28.0390, 26.9110



49.1165, 30.1597, 25.6831



53.8818, 68.2660, 23.4351



14.5350, 14.4312, 15.7516



19.0062, 9.7367, 3.6616



1.4424, 0.7347, 0.4700

Previews

White Background



This preview shows how the XYZ color 28.5197, 26.3804, 76.2618 looks on a white background.

Color Contrast Check

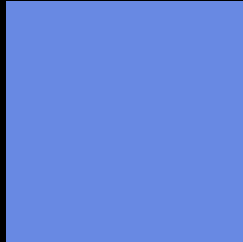
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5197, 26.3804, 76.2618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

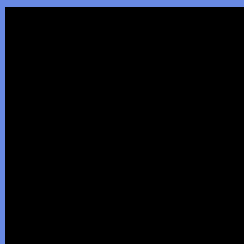
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.5197, 26.3804, 76.2618

Background



This preview shows how black text looks on a background with the XYZ color 28.5197, 26.3804, 76.2618.



This preview shows how white text looks on a background with the XYZ color 28.5197, 26.3804,

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

28.5197, 26.3804, 76.2618

Protanopia

28.5197, 26.3804, 76.2618

Deuteranopia

27.1301, 26.3219, 75.6022



Tritanopia

21.0708, 26.5269, 38.6600

Trichromacy



Original Color

28.5197, 26.3804, 76.2618

Protanomaly

28.5197, 26.3804, 76.2618

Deuteranomaly

27.5762, 26.3359, 75.5814

Tritanomaly

23.2616, 26.2268, 50.2906

Monochromacy



Original Color

28.5197, 26.3804, 76.2618

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.6588, 25.1536, 41.5857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5197, 26.3804, 76.2618 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(104, 137, 227)` looks like.

```
.text, #text, p{  
    color:rgb(104, 137, 227)  
}
```

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(104, 137, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 137, 227) }
```

Border

The CSS property to change the border of an element to XYZ 28.5197, 26.3804, 76.2618 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(104, 137, 227) }
```


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

```
.border{ border-color:rgb(104, 137, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 137, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(104, 137, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(104, 137, 227); box-shadow:4px 4px 4px 4px rgb(104, 137, 227) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5197, 26.3804, 76.2618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 137, 227) }
```

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

```
.background{ background-color: rgb(104,  
137, 227) }
```

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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