

Converting Colors

XYZ(26.3430, 20.6738, 77.0592)

Have a look what the booklet for
XYZ(26.3430, 20.6738, 77.0592)
contains.

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Color

**XYZ(26.3547, 20.7186,
76.7388)**

Conversions

Conversions Part 1

Format	Color
Hex	6D71E5
RGB	109, 113, 229
RGB Percent	43%, 44%, 90%
CMY	0.5725, 0.5569, 0.1020
CMYK	0.52, 0.51, 0.00, 0.10
HSL	238°, 70%, 66%
HSV	238°, 52%, 90%
XYZ	26.3547, 20.7186, 76.7388
YIQ	125.0280, -39.6200, 35.2280

Conversions

Conversions Part 2

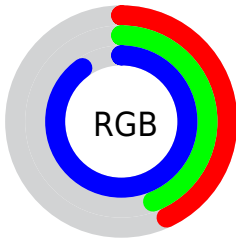
Format	Color
RYB	109, 113, 229
Decimal	7172581
CIELab	52.64, 30.18, -59.64
CIElCh	53, 66.841, 296.843
Yxy	20.7186, 0.2129, 0.1673
Android (android.graphics.Color)	4285362661 (0xFF6D71E5)
YUV	125.0280, 51.2582, -14.0566
Hunter-Lab	45.5177, 23.6954, -68.0953

Details

The XYZ color **26.3547, 20.7186, 76.7388** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **62.0007, 71.6159, 25.0252**, and the grayscale version is **19.3458, 20.3533, 22.1648**.

A 20% lighter version of the original color is **47.6536, 42.4551, 100.2908**, and **10.5153, 7.3556, 40.4007** is the 20% darker color. If you saturate the color by 10%, you get **21.7199, 15.0995, 75.8989**, and if you desaturate by 10%, it is **32.3273, 27.9218, 77.8148**.

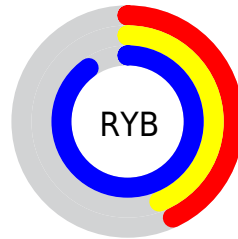
Distribution



Red (43%)

Green (44%)

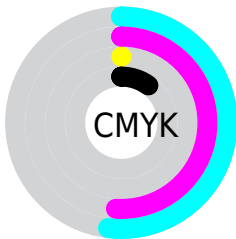
Blue (90%)



Red (43%)

Yellow (44%)

Blue (90%)

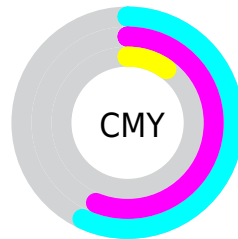


Cyan (52%)

Magenta (51%)

Yellow (0%)

Black (10%)



Cyan (57%)

Magenta (56%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3547, 20.7186, 76.7388 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 26.3547, 20.7186, 76.7388 by changing the saturation by 10% instead.

■ 26.3547, 20.7186,
76.7388

■ 26.3547, 20.7186,
76.7388

276.7438,
255.7792, 503.2870

■ 17.2233, 12.9185,
56.5282

■ 53.2738, 44.6187,
130.5403

■ 10.4901, 7.3724,
40.2198

■ 71.7923, 61.4875,
164.9684

■ 5.7898, 3.6961,
27.3948

■ 94.1704, 82.1480,
204.9727

■ 2.7572, 1.5051,
17.6349

■ 120.7735,
106.9845, 250.9718

■ 1.0267, 0.2923,
10.5215

151.9671,
136.3815, 303.3843

■ 0.0000, 0.0000,
5.6360

188.1164,

■ 0.0000, 0.0000,

170.7234, 362.6286

2.5598

229.5869,
210.3945, 429.1233

■ 0.0000, 0.0000,
0.8716

■ 0.0000, 0.0000,
0.0000

■ 26.3547, 20.7186,
76.7388

■ 26.3547, 20.7186,
76.7388

■ 21.7199, 15.0995,
75.8989

■ 32.3273, 27.9218,
77.8148

■ 18.3173, 10.9433,
75.2761

■ 39.7271, 36.8142,
79.1412

■ 16.0301, 8.1147,
74.8506

■ 48.6389, 47.4939,
80.7329

■ 14.7174, 6.4521,
74.5989

■ 59.1401, 60.0512,
82.6032

■ 14.2257, 5.8227,
74.5033

■ 71.3029, 74.5702,
84.7646

■ 85.1949, 91.1300,
87.2288

■ 91.1429, 98.4372,
88.3257

Harmonies

Analogous

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



18.9664, 20.7186, 86.2945



26.3547, 20.7186, 76.7388



33.1124, 20.7186, 50.5886

Triad

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



26.3547, 20.7186, 76.7388



27.9314, 20.7186, 3.3049



9.1460, 20.7186, 20.5185

Complementary

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



26.3547, 20.7186, 76.7388



62.0007, 71.6159, 25.0252

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.



10.4990, 20.7186, 7.4459



26.3547, 20.7186, 76.7388



20.4367, 20.7186, 1.8705

Square

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



26.3547, 20.7186, 76.7388



34.1628, 20.7186, 9.3269



14.2597, 20.7186, 2.7537



10.0230, 20.7186, 44.5947

Rectangle

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



26.3547, 20.7186, 76.7388



35.7575, 20.7186, 32.4264



14.2597, 20.7186, 2.7537



9.3455, 20.7186, 14.9289

Sweetspot

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



26.3556, 20.7193, 76.7393



70.2828, 70.4320, 104.4982



47.9176, 64.7269, 81.2028



14.4471, 14.3623, 22.2607



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.



26.3556, 20.7193, 76.7393



27.2304, 18.6748, 96.7771



35.1300, 24.5955, 77.0251



13.6211, 13.9636, 18.1217



8.1507, 3.3635, 42.6028



0.6160, 0.2759, 3.1528

Inverse Universe

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



40.7633, 28.7890, 19.0315



47.5596, 30.2421, 15.3108



48.0144, 66.0278, 24.6837



14.3963, 14.3757, 15.0216



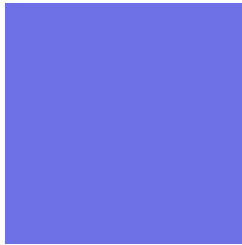
18.5076, 9.5373, 1.0361



1.3745, 0.7075, 0.1129

Previews

White Background



This preview shows how the XYZ color 26.3547, 20.7186, 76.7388 looks on a white background.

Color Contrast Check

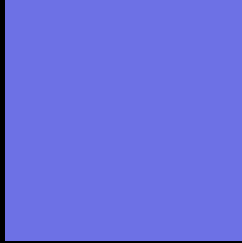
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3547, 20.7186, 76.7388 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 26.3547, 20.7186, 76.7388

Background



This preview shows how black text looks on a background with the XYZ color 26.3547, 20.7186, 76.7388.



This preview shows how white text looks on a background with the XYZ color 26.3547, 20.7186,

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

26.3547, 20.7186, 76.7388

Protanopia

24.1945, 20.8399, 83.6362

Deuteranopia

21.5138, 20.7713, 74.8269



Tritanopia

16.9525, 20.8131, 29.5094

Trichromacy



Original Color

26.3547, 20.7186, 76.7388

Protanomaly

24.6157, 20.5747, 81.2712

Deuteranomaly

22.0913, 20.1181, 75.3919

Tritanomaly

19.5131, 20.2410, 43.4359

Monochromacy



Original Color

26.3547, 20.7186, 76.7388

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

21.0560, 20.2410, 37.4475

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3547, 20.7186, 76.7388 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(109, 113, 229)` looks like.

```
.text, #text, p{  
    color:rgb(109, 113, 229)  
}
```

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(109, 113, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 113, 229) }
```

Border

The CSS property to change the border of an element to XYZ 26.3547, 20.7186, 76.7388 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(109, 113, 229) }
```


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

```
.border{ border-color:rgb(109, 113, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 113, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 113, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 113, 229);  
box-shadow:4px 4px 4px 4px rgb(109, 113,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3547, 20.7186, 76.7388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 113, 229) }
```

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

```
.background{ background-color: rgb(109,  
113, 229) }
```

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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