

Converting Colors

XYZ(26.5172, 23.5866, 60.2828)

Have a look what the booklet for
XYZ(26.5172, 23.5866, 60.2828)
contains.

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Color

**XYZ(26.5145, 23.6760,
60.2992)**

Conversions

Conversions Part 1

Format	Color
Hex	7A7FCC
RGB	122, 127, 204
RGB Percent	48%, 50%, 80%
CMY	0.5216, 0.5020, 0.2000
CMYK	0.40, 0.38, 0.00, 0.20
HSL	236°, 45%, 64%
HSV	236°, 40%, 80%
XYZ	26.5145, 23.6760, 60.2992
YIQ	134.2830, -27.6970, 22.8870

Conversions

Conversions Part 2

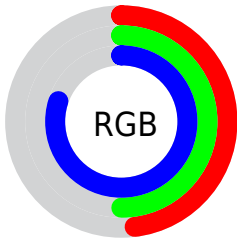
Format	Color
R_{YB}	122, 127, 204
Decimal	8028108
CIE _{Lab}	55.76, 17.38, -40.51
CIE _{LCh}	56, 44.085, 293.223
Yxy	23.6760, 0.2400, 0.2143
Android (android.graphics.Color)	4286218188 (0xFF7A7FCC)
YUV	134.2830, 34.3705, -10.7722
Hunter-Lab	48.6580, 12.1160, -39.4143

Details

The XYZ color **26.5145, 23.6760, 60.2992** is a dark color, and the websafe version is hex **9999FF**. A complement of this color would be **48.8389, 55.0903, 26.4729**, and the grayscale version is **22.6496, 23.8291, 25.9499**.

A 20% lighter version of the original color is **52.5027, 49.2096, 101.3390**, and **10.5331, 8.8476, 29.5864** is the 20% darker color. If you saturate the color by 10%, you get **21.6802, 17.8540, 59.4307**, and if you desaturate by 10%, it is **32.4272, 30.7530, 61.3540**.

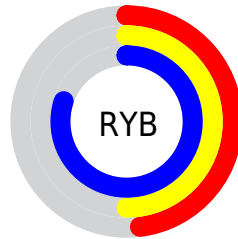
Distribution



Red (48%)

Green (50%)

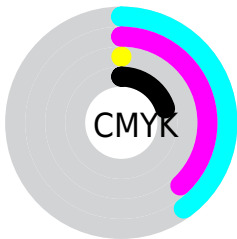
Blue (80%)



Red (48%)

Yellow (50%)

Blue (80%)

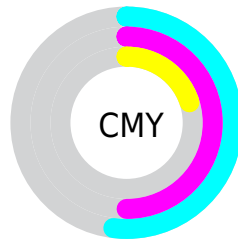


Cyan (40%)

Magenta (38%)

Yellow (0%)

Black (20%)



Cyan (52%)

Magenta (50%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5145, 23.6760, 60.2992 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 26.5145, 23.6760, 60.2992 by changing the saturation by 10% instead.

■ 26.5145, 23.6760,
60.2992

■ 26.5145, 23.6760,
60.2992

277.5093,
271.1783, 443.5350

■ 17.3436, 15.0935,
43.2330

■ 53.5292, 49.5010,
106.8112

■ 10.5766, 8.8850,
29.7352

■ 72.1038, 67.5122,
137.0940

■ 5.8481, 4.6662,
19.3873

■ 94.5436, 89.4350,
172.6195

■ 2.7927, 2.0528,
11.7709

121.2141,
115.6540, 213.8061

■ 1.0451, 0.6379,
6.4672

152.4805,
146.5534, 261.0724

■ 0.0000, 0.0000,
3.0578

188.7083,

■ 0.0000, 0.0000,

182.5176, 314.8370

1.1242

230.2628,
223.9312, 375.5183

■ 0.0000, 0.0000,
0.0000

■ 26.5145, 23.6760,
60.2992

■ 26.5145, 23.6760,
60.2992

■ 21.6802, 17.8540,
59.4307

■ 32.4272, 30.7530,
61.3540

■ 17.8566, 13.2112,
58.7361

■ 39.4753, 39.1496,
62.6032

■ 14.9726, 9.6677,
58.2041

■ 47.7147, 48.9292,
64.0566

■ 12.9468, 7.1325,
57.8215

■ 57.1970, 60.1502,
65.7227

■ 11.6835, 5.5000,
57.5730

■ 67.9709, 72.8677,
67.6096

■ 11.0360, 4.6333,
57.4399

■ 80.0822, 87.1340,
69.7250

■ 87.8992, 97.1397,
71.2442

Harmonies

Analogous

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



21.3869, 23.6760, 63.9660



26.5145, 23.6760, 60.2992



31.1233, 23.6760, 46.0465

Triad

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



26.5145, 23.6760, 60.2992



28.7694, 23.6760, 9.4074



14.2373, 23.6760, 22.6622

Complementary

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



26.5145, 23.6760, 60.2992



48.8389, 55.0903, 26.4729

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.



15.6429, 23.6760, 12.5505



26.5145, 23.6760, 60.2992



23.6579, 23.6760, 6.9556

Square

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



26.5145, 23.6760, 60.2992



32.5541, 23.6760, 16.3686



18.9186, 23.6760, 7.8427



14.7687, 23.6760, 38.2428

Rectangle

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



26.5145, 23.6760, 60.2992



33.0298, 23.6760, 34.5791



18.9186, 23.6760, 7.8427



14.4910, 23.6760, 18.6152

Sweetspot

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



26.5154, 23.6769, 60.2998



76.1832, 77.6685, 105.5840



39.8744, 51.4258, 61.5743



15.9063, 16.1498, 22.5288



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.



26.5154, 23.6769, 60.2998



37.0470, 30.9484, 98.6288



31.8685, 25.5017, 60.3699



10.6557, 10.9519, 14.1227



6.9697, 2.9634, 36.1609



0.3792, 0.1922, 1.8720

Inverse Universe

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



35.6929, 28.2897, 23.6588



54.3111, 39.8210, 29.6587



41.3545, 52.9676, 26.4576



11.2396, 11.2246, 11.7963



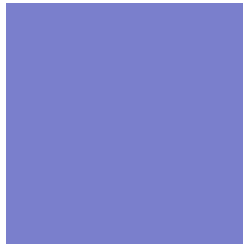
15.7289, 8.1021, 1.0250



0.8214, 0.4219, 0.1051

Previews

White Background



This preview shows how the XYZ color 26.5145, 23.6760, 60.2992 looks on a white background.

Color Contrast Check

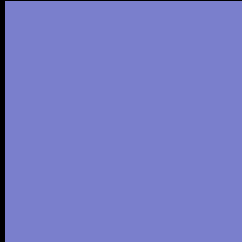
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5145, 23.6760, 60.2992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

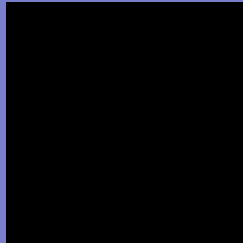
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.5145, 23.6760, 60.2992

Background



This preview shows how black text looks on a background with the XYZ color 26.5145, 23.6760, 60.2992.



This preview shows how white text looks on a background with the XYZ color 26.5145, 23.6760,

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

26.5145, 23.6760, 60.2992

Protanopia

25.2045, 23.7409, 62.2855

Deuteranopia

24.4226, 23.7962, 59.8058



Tritanopia

20.8200, 23.5981, 31.8913

Trichromacy



Original Color

26.5145, 23.6760, 60.2992

Protanomaly

25.6788, 23.8010, 61.6332

Deuteranomaly

25.0801, 23.7325, 59.7589

Tritanomaly

22.6260, 23.4922, 40.8780

Monochromacy



Original Color

26.5145, 23.6760, 60.2992

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.5802, 23.4816, 36.0905

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5145, 23.6760, 60.2992 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(122, 127, 204)` looks like.

```
.text, #text, p{  
    color:rgb(122, 127, 204)  
}
```

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(122, 127, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 127, 204) }
```

Border

The CSS property to change the border of an element to XYZ 26.5145, 23.6760, 60.2992 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(122, 127, 204) }
```


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

```
.border{ border-color:rgb(122, 127, 204) }
```

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

Here you see how a box with a 4 pixel rgb(122, 127, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 127, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 127, 204);  
box-shadow:4px 4px 4px 4px rgb(122, 127,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5145, 23.6760, 60.2992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 127, 204) }
```

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

```
.background{ background-color: rgb(122,  
127, 204) }
```

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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