

Converting Colors

XYZ(26.6345, 24.5949, 54.4362)

Have a look what the booklet for
XYZ(26.6345, 24.5949, 54.4362)
contains.

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Color

**XYZ(26.6063, 24.6397,
54.3926)**

Conversions

Conversions Part 1

Format	Color
Hex	7F83C2
RGB	127, 131, 194
RGB Percent	50%, 51%, 76%
CMY	0.5019, 0.4863, 0.2392
CMYK	0.35, 0.32, 0.00, 0.24
HSL	236°, 35%, 63%
HSV	236°, 35%, 76%
XYZ	26.6063, 24.6397, 54.3926
YIQ	136.9860, -22.6070, 18.7450

Conversions

Conversions Part 2

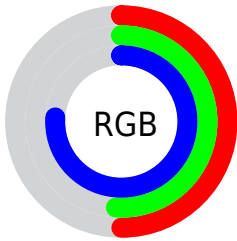
Format	Color
RYB	127, 131, 194
Decimal	8356802
CIELab	56.72, 13.62, -33.31
CIELCh	57, 35.985, 292.238
Yxy	24.6397, 0.2519, 0.2332
Android (android.graphics.Color)	4286546882 (0xFF7F83C2)
YUV	136.9860, 28.1079, -8.7577
Hunter-Lab	49.6384, 8.8093, -30.2217

Details

The XYZ color **26.6063, 24.6397, 54.3926** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.4929, 49.8291, 27.3526**, and the grayscale version is **23.6766, 24.9096, 27.1266**.

A 20% lighter version of the original color is **53.8445, 51.1911, 98.3097**, and **10.6526, 9.4239, 26.0685** is the 20% darker color. If you saturate the color by 10%, you get **21.7523, 18.8153, 53.5247**, and if you desaturate by 10%, it is **32.4497, 31.6154, 55.4315**.

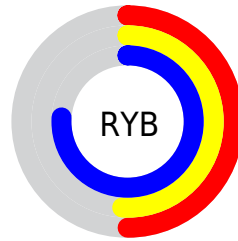
Distribution



Red (50%)

Green (51%)

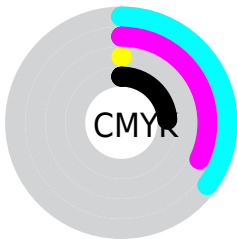
Blue (76%)



Red (50%)

Yellow (51%)

Blue (76%)

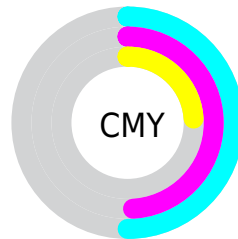


Cyan (35%)

Magenta (32%)

Yellow (0%)

Black (24%)



Cyan (50%)

Magenta (49%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6063, 24.6397, 54.3926 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 26.6063, 24.6397, 54.3926 by changing the saturation by 10% instead.

■ 26.6063, 24.6397,
54.3926

■ 26.6063, 24.6397,
54.3926

277.9482,
276.0388, 420.8222

■ 17.4128, 15.8088,
38.5203

■ 53.6758, 51.0721,
98.1127

■ 10.6264, 9.3890,
26.0818

■ 72.2826, 69.4424,
126.7975

■ 5.8816, 4.9958,
16.6585

■ 94.7578, 91.7613,
160.5903

■ 2.8132, 2.2448,
9.8320

121.4668,
118.4133, 199.9096

■ 1.0558, 0.7442,
5.1835

152.7750,
149.7826, 245.1739

■ 0.0000, 0.0000,
2.2947

189.0477,

■ 0.0000, 0.0000,

186.2537, 296.8017

0.7283

230.6504,
228.2110, 355.2116

■ 0.0000, 0.0000,
0.0000

■ 26.6063, 24.6397,
54.3926

■ 26.6063, 24.6397,
54.3926

■ 21.7523, 18.8153,
53.5247

■ 32.4497, 31.6154,
55.4315

■ 17.8304, 14.0777,
52.8169

■ 39.3303, 39.7968,
56.6480

■ 14.7815, 10.3602,
52.2601

■ 47.2960, 49.2381,
58.0505

■ 12.5387, 7.5878,
51.8431

■ 56.3909, 59.9894,
59.6464

■ 11.0250, 5.6748,
51.5537

■ 66.6568, 72.0981,
61.4426

■ 10.1489, 4.5204,
51.3770

■ 78.1330, 85.6093,
63.4456

■ 9.8642, 4.1480,
51.3202

■ 86.7377, 96.6751,
65.1280

Harmonies

Analogous

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



22.3468, 24.6397, 56.8417



26.6063, 24.6397, 54.3926



30.3919, 24.6397, 43.6059

Triad

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



26.6063, 24.6397, 54.3926



28.7139, 24.6397, 12.3970



16.3022, 24.6397, 23.8280

Complementary

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



26.6063, 24.6397, 54.3926



44.4929, 49.8291, 27.3526

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.



17.6041, 24.6397, 15.0233



26.6063, 24.6397, 54.3926



24.5256, 24.6397, 9.8324

Square

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



26.6063, 24.6397, 54.3926



31.7064, 24.6397, 19.0016



20.4975, 24.6397, 10.6243



16.7188, 24.6397, 36.5544

Rectangle

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



26.6063, 24.6397, 54.3926



31.9708, 24.6397, 34.5102



20.4975, 24.6397, 10.6243



16.5473, 24.6397, 20.3806

Sweetspot

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



26.6072, 24.6406, 54.3932



77.3251, 79.3006, 103.7009



37.2882, 46.7935, 55.5155



16.4888, 16.8388, 22.6311



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.



26.6072, 24.6406, 54.3932



41.7687, 36.9256, 97.3957



31.0446, 26.1460, 54.4499



9.5755, 9.8423, 12.6799



6.5063, 2.7691, 33.7482



0.2981, 0.1536, 1.4638

Inverse Universe

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



33.9350, 28.2877, 25.1452



56.9738, 44.6280, 36.6766



38.6334, 48.1122, 27.3300



10.0970, 10.0874, 10.6015



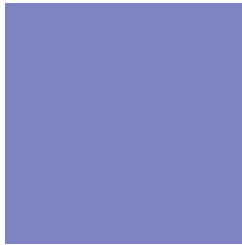
14.6800, 7.5618, 0.9613



0.6429, 0.3302, 0.0867

Previews

White Background



This preview shows how the XYZ color 26.6063, 24.6397, 54.3926 looks on a white background.

Color Contrast Check

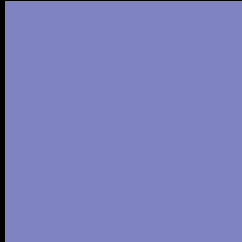
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6063, 24.6397, 54.3926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

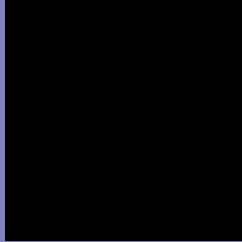
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.6063, 24.6397, 54.3926

Background



This preview shows how black text looks on a background with the XYZ color 26.6063, 24.6397, 54.3926.



This preview shows how white text looks on a background with the XYZ color 26.6063, 24.6397,

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

26.6063, 24.6397, 54.3926

Protanopia

25.6914, 24.7487, 55.6475

Deuteranopia

25.3598, 24.8230, 53.9068



Tritanopia

22.3001, 24.7724, 32.8844

Trichromacy



Original Color

26.6063, 24.6397, 54.3926

Protanomaly

25.9836, 24.7083, 55.0294

Deuteranomaly

25.7585, 24.8224, 53.8857

Tritanomaly

23.8059, 24.7463, 40.0810

Monochromacy



Original Color

26.6063, 24.6397, 54.3926

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.5084, 24.7831, 35.8396

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6063, 24.6397, 54.3926 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(127, 131, 194)` looks like.

```
.text, #text, p{  
    color:rgb(127, 131, 194)  
}
```

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(127, 131, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 131, 194) }
```

Border

The CSS property to change the border of an element to XYZ 26.6063, 24.6397, 54.3926 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(127, 131, 194) }
```


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

```
.border{ border-color:rgb(127, 131, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 131, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 131, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 131, 194);  
box-shadow:4px 4px 4px 4px rgb(127, 131,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6063, 24.6397, 54.3926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 131, 194) }
```

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

```
.background{ background-color: rgb(127,  
131, 194) }
```

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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