

Converting Colors

XYZ(26.2403, 25.3803, 51.4894)

Have a look what the booklet for
XYZ(26.2403, 25.3803, 51.4894)
contains.

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Color

**XYZ(26.3067, 25.3620,
51.6530)**

Conversions

Conversions Part 1

Format	Color
Hex	7D87BD
RGB	125, 135, 189
RGB Percent	49%, 53%, 74%
CMY	0.5098, 0.4706, 0.2588
CMYK	0.34, 0.29, 0.00, 0.26
HSL	231°, 33%, 62%
HSV	231°, 34%, 74%
XYZ	26.3067, 25.3620, 51.6530
YIQ	138.1660, -23.2940, 14.6740

Conversions

Conversions Part 2

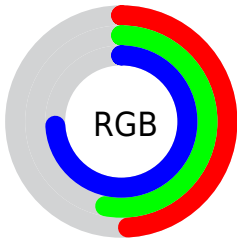
Format	Color
R_{YB}	125, 134, 189
Decimal	8226749
CIE _{Lab}	57.43, 9.35, -29.38
CIE _{LCh}	57, 30.837, 287.656
Yxy	25.3620, 0.2546, 0.2455
Android (android.graphics.Color)	4286416829 (0xFF7D87BD)
YUV	138.1660, 25.0612, -11.5466
Hunter-Lab	50.3607, 5.1110, -25.5589

Details

The XYZ color **26.3067, 25.3620, 51.6530** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **40.8087, 44.5403, 25.8492**, and the grayscale version is **24.1352, 25.3921, 27.6520**.

A 20% lighter version of the original color is **53.0551, 52.1427, 93.6544**, and **10.4486, 9.8213, 24.2667** is the 20% darker color. If you saturate the color by 10%, you get **21.7449, 19.9515, 50.8496**, and if you desaturate by 10%, it is **31.7285, 31.7116, 52.5933**.

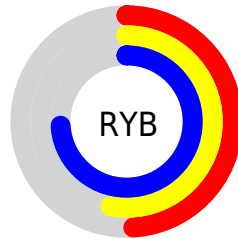
Distribution



Red (49%)

Green (53%)

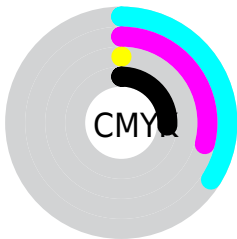
Blue (74%)



Red (49%)

Yellow (53%)

Blue (74%)

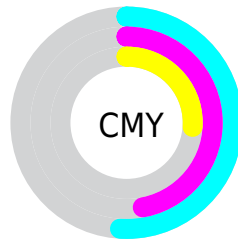


Cyan (34%)

Magenta (29%)

Yellow (0%)

Black (26%)



Cyan (51%)

Magenta (47%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3067, 25.3620, 51.6530 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 26.3067, 25.3620, 51.6530 by changing the saturation by 10% instead.

■ 26.3067, 25.3620,
51.6530

■ 26.3067, 25.3620,
51.6530

276.5136,
279.6360, 410.0143

■ 17.1871, 16.3470,
36.3482

■ 53.1971, 52.2439,
94.0407

■ 10.4641, 9.7700,
24.4114

■ 71.6986, 70.8795,
121.9606

■ 5.7724, 5.2467,
15.4241

■ 94.0582, 93.4908,
154.9227

■ 2.7465, 2.3927,
8.9676

120.6411,
120.4622, 193.3455

■ 1.0212, 0.8222,
4.6236

151.8127,
152.1780, 237.6475

■ 0.0000, 0.0000,
1.9733

187.9384,

■ 0.0000, 0.0000,

189.0226, 288.2473

0.5388

229.3836,
231.3805, 345.5634

■ 0.0000, 0.0000,
0.0000

■ 26.3067, 25.3620,
51.6530

■ 26.3067, 25.3620,
51.6530

■ 21.7449, 19.9515,
50.8496

■ 31.7285, 31.7116,
52.5933

■ 17.9959, 15.4323,
50.1748

■ 38.0491, 39.0394,
53.6746

■ 15.0117, 11.7566,
49.6227

■ 45.3079, 47.3855,
54.9029

■ 12.7384, 8.8710,
49.1855

■ 53.5414, 56.7871,
56.2837

■ 11.1145, 6.7157,
48.8551

■ 62.7840, 67.2795,
57.8218

■ 10.0676, 5.2217,
48.6219

■ 73.0684, 78.8963,
59.5220

■ 9.6379, 4.5792,
48.5205

■ 83.5734, 91.2302,
61.3490

■ 86.1854, 96.4542,
62.2197

Harmonies

Analogous

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



22.6306, 25.3620, 52.3913



26.3067, 25.3620, 51.6530



29.6978, 25.3620, 43.5600

Triad

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



26.3067, 25.3620, 51.6530



29.1704, 25.3620, 15.2239



17.8569, 25.3620, 23.5215

Complementary

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



26.3067, 25.3620, 51.6530



40.8087, 44.5403, 25.8492

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.



19.2639, 25.3620, 16.1303



26.3067, 25.3620, 51.6530



25.6438, 25.3620, 12.2204

Square

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



26.3067, 25.3620, 51.6530



31.4628, 25.3620, 21.9354



22.0313, 25.3620, 12.5036



17.9956, 25.3620, 34.1987

Rectangle

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



26.3067, 25.3620, 51.6530



31.2280, 25.3620, 36.0191



22.0313, 25.3620, 12.5036



18.1583, 25.3620, 20.6316

Sweetspot

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



26.3076, 25.3630, 51.6536



72.7577, 75.2353, 96.9133



34.7251, 43.9836, 48.9553



15.2638, 15.7386, 20.7759



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.3076, 25.3630, 51.6536



40.6188, 37.7300, 91.3680



28.4331, 24.4839, 51.3719



9.1337, 9.4597, 12.0167



6.5215, 3.1547, 32.6581



0.2940, 0.2006, 1.2921

Inverse Universe

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



32.6938, 27.2362, 26.4565



53.9805, 41.9962, 38.5713



37.9775, 46.1648, 26.3120



9.5893, 9.5600, 10.2264



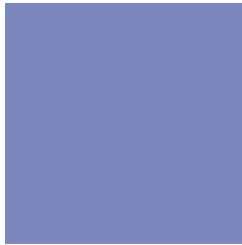
14.2925, 7.3482, 1.5680



0.5793, 0.2956, 0.1638

Previews

White Background



This preview shows how the XYZ color 26.3067, 25.3620, 51.6530 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 26.3067, 25.3620, 51.6530 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 26.3067, 25.3620, 51.6530

Background



This preview shows how black text looks on a background with the XYZ color 26.3067, 25.3620, 51.6530.



This preview shows how white text looks on a background with the XYZ color 26.3067, 25.3620,

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

26.3067, 25.3620, 51.6530

Protanopia

26.1245, 25.4636, 52.2533

Deuteranopia

26.0155, 25.4200, 51.6795



Tritanopia

22.7589, 25.4278, 33.8455

Trichromacy



Original Color

26.3067, 25.3620, 51.6530

Protanomaly

26.2668, 25.5370, 52.2599

Deuteranomaly

26.1578, 25.4934, 51.6862

Tritanomaly

23.8613, 25.2115, 39.6851

Monochromacy



Original Color

26.3067, 25.3620, 51.6530

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.7043, 25.3122, 35.4820

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3067, 25.3620, 51.6530 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(125, 135, 189)` looks like.

```
.text, #text, p{  
    color:rgb(125, 135, 189)  
}
```

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(125, 135, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 135, 189) }
```

Border

The CSS property to change the border of an element to XYZ 26.3067, 25.3620, 51.6530 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(125, 135, 189) }
```


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

```
.border{ border-color:rgb(125, 135, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 135, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 135, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 135, 189);  
box-shadow:4px 4px 4px 4px rgb(125, 135,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3067, 25.3620, 51.6530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 135, 189) }
```

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

```
.background{ background-color: rgb(125,  
135, 189) }
```

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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