

Converting Colors

XYZ(26.2571, 25.2138, 53.3557)

Have a look what the booklet for
XYZ(26.2571, 25.2138, 53.3557)
contains.

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Color

**XYZ(26.3468, 25.3447,
53.3726)**

Conversions

Conversions Part 1

Format	Color
Hex	7B87C0
RGB	123, 135, 192
RGB Percent	48%, 53%, 75%
CMY	0.5176, 0.4706, 0.2471
CMYK	0.36, 0.30, 0.00, 0.25
HSL	230°, 35%, 62%
HSV	230°, 36%, 75%
XYZ	26.3468, 25.3447, 53.3726
YIQ	137.9100, -25.4490, 15.1830

Conversions

Conversions Part 2

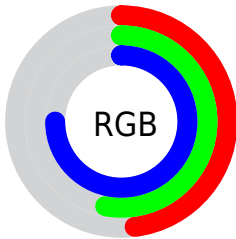
Format	Color
R_{YB}	123, 133, 192
Decimal	8095680
CIE _{Lab}	57.41, 9.59, -31.13
CIE _{LCh}	57, 32.570, 287.125
Yxy	25.3447, 0.2508, 0.2412
Android (android.graphics.Color)	4286285760 (0xFF7B87C0)
YUV	137.9100, 26.6664, -13.0761
Hunter-Lab	50.3435, 5.3151, -27.6169

Details

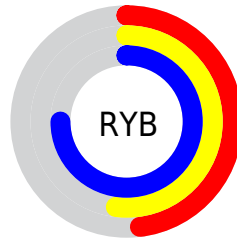
The XYZ color **26.3468, 25.3447, 53.3726** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **41.6353, 45.2797, 25.2853**, and the grayscale version is **24.0325, 25.2840, 27.5343**.

A 20% lighter version of the original color is **53.2136, 52.1531, 96.8844**, and **10.5138, 9.8301, 25.3880** is the 20% darker color. If you saturate the color by 10%, you get **21.8143, 19.9645, 52.5735**, and if you desaturate by 10%, it is **31.7494, 31.6639, 54.3080**.

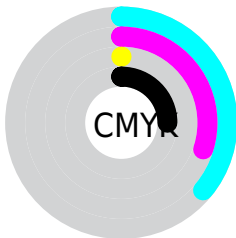
Distribution



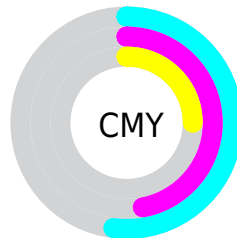
- Red (48%)
- Green (53%)
- Blue (75%)



- Red (48%)
- Yellow (52%)
- Blue (75%)



- Cyan (36%)
- Magenta (30%)
- Yellow (0%)
- Black (25%)



- Cyan (52%)
- Magenta (47%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3468, 25.3447, 53.3726 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 26.3468, 25.3447, 53.3726 by changing the saturation by 10% instead.

■ 26.3468, 25.3447,
53.3726

■ 26.3468, 25.3447,
53.3726

276.7059,
279.5502, 416.8198

■ 17.2173, 16.3341,
37.7105

■ 53.2612, 52.2159,
96.5995

■ 10.4858, 9.7608,
25.4580

■ 71.7768, 70.8452,
125.0014

■ 5.7870, 5.2407,
16.1965

■ 94.1519, 93.4495,
158.4871

■ 2.7554, 2.3892,
9.5075

120.7517,
120.4133, 197.4750

■ 1.0258, 0.8203,
4.9723

151.9417,
152.1208, 242.3836

■ 0.0000, 0.0000,
2.1726

188.0872,

■ 0.0000, 0.0000,

188.9566, 293.6316

0.6585

229.5534,
231.3049, 351.6375

■ 0.0000, 0.0000,
0.0000

■ 26.3468, 25.3447,
53.3726

■ 26.3468, 25.3447,
53.3726

■ 21.8143, 19.9645,
52.5735

■ 31.7494, 31.6639,
54.3080

■ 18.1031, 15.4750,
51.9025

■ 38.0622, 38.9614,
55.3839

■ 15.1635, 11.8280,
51.3535

■ 45.3258, 47.2779,
56.6063

■ 12.9393, 8.9693,
50.9189

■ 53.5777, 56.6507,
57.9805

■ 11.3662, 6.8380,
50.5905

■ 62.8534, 67.1153,
59.5115

■ 10.3655, 5.3628,
50.3585

■ 73.1865, 78.7056,
61.2040

■ 10.0693, 4.9154,
50.2877

■ 83.7192, 90.9952,
63.0210

■ 86.5145, 96.5858,
63.9528

Harmonies

Analogous

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



22.4696, 25.3447, 54.0098



26.3468, 25.3447, 53.3726



29.9623, 25.3447, 44.7773

Triad

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



26.3468, 25.3447, 53.3726



29.5134, 25.3447, 14.7429



17.5410, 25.3447, 23.1160

Complementary

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



26.3468, 25.3447, 53.3726



41.6353, 45.2797, 25.2853

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.



19.0389, 25.3447, 15.4907



26.3468, 25.3447, 53.3726



25.7852, 25.3447, 11.6021

Square

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



26.3468, 25.3447, 53.3726



31.9205, 25.3447, 21.7863



21.9647, 25.3447, 11.8331



17.6568, 25.3447, 34.3564

Rectangle

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



26.3468, 25.3447, 53.3726



31.6136, 25.3447, 36.7334



21.9647, 25.3447, 11.8331



17.8651, 25.3447, 20.1155

Sweetspot

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



26.3477, 25.3457, 53.3732



75.0114, 77.5335, 101.3722



35.1909, 45.1797, 49.7001



15.7117, 16.1972, 21.6836



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



26.3477, 25.3457, 53.3732



41.2389, 38.2215, 95.5642



28.2489, 23.9788, 53.0092



9.6668, 10.0249, 12.7103



6.8160, 3.3885, 33.8514



0.3392, 0.2358, 1.4775

Inverse Universe

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



33.1951, 27.1226, 26.4082



55.5722, 42.3615, 39.0265



39.0355, 47.6927, 25.8881



10.1431, 10.1059, 10.8442



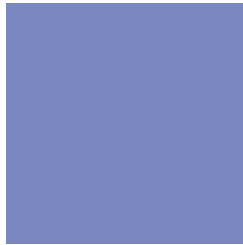
14.8364, 7.6243, 1.7845



0.6636, 0.3384, 0.1959

Previews

White Background



This preview shows how the XYZ color 26.3468, 25.3447, 53.3726 looks on a white background.

Color Contrast Check

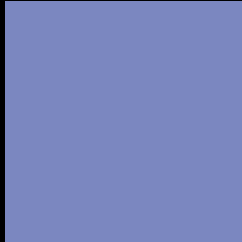
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3468, 25.3447, 53.3726 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 26.3468, 25.3447, 53.3726

Background



This preview shows how black text looks on a background with the XYZ color 26.3468, 25.3447, 53.3726.



This preview shows how white text looks on a background with the XYZ color 26.3468, 25.3447,

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

26.3468, 25.3447, 53.3726

Protanopia

26.1755, 25.4516, 53.9851

Deuteranopia

25.9263, 25.3360, 53.3930



Tritanopia

22.4452, 25.2565, 34.2639

Trichromacy



Original Color

26.3468, 25.3447, 53.3726

Protanomaly

26.3150, 25.5235, 53.9917

Deuteranomaly

26.0643, 25.4072, 53.3995

Tritanomaly

23.6366, 25.0743, 40.6398

Monochromacy



Original Color

26.3468, 25.3447, 53.3726

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.7901, 25.3465, 35.9335

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3468, 25.3447, 53.3726 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(123, 135, 192)` looks like.

```
.text, #text, p{  
    color:rgb(123, 135, 192)  
}
```

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(123, 135, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 135, 192) }
```

Border

The CSS property to change the border of an element to XYZ 26.3468, 25.3447, 53.3726 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(123, 135, 192) }
```


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

```
.border{ border-color:rgb(123, 135, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 135, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 135, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 135, 192);  
box-shadow:4px 4px 4px 4px rgb(123, 135,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3468, 25.3447, 53.3726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 135, 192) }
```

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

```
.background{ background-color: rgb(123,  
135, 192) }
```

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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