

Converting Colors

XYZ(26.5156, 26.1248, 50.6588)

Have a look what the booklet for
XYZ(26.5156, 26.1248, 50.6588)
contains.

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Color

**XYZ(26.5156, 26.1248,
50.6588)**

Conversions

Conversions Part 1

Format	Color
Hex	7D8ABB
RGB	125, 138, 187
RGB Percent	49%, 54%, 73%
CMY	0.5098, 0.4588, 0.2667
CMYK	0.33, 0.26, 0.00, 0.27
HSL	227°, 31%, 61%
HSV	227°, 33%, 73%
XYZ	26.5156, 26.1248, 50.6588
YIQ	139.6990, -23.4770, 12.4830

Conversions

Conversions Part 2

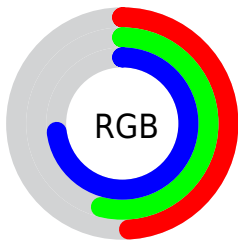
Format	Color
RYB	125, 136, 187
Decimal	8227515
CIELab	58.16, 7.07, -27.12
CIELCh	58, 28.028, 284.614
Yxy	26.1248, 0.2567, 0.2529
Android (android.graphics.Color)	4286417595 (0xFF7D8ABB)
YUV	139.6990, 23.3194, -12.8910
Hunter-Lab	51.1124, 3.1537, -22.9851

Details

The XYZ color **26.5156, 26.1248, 50.6588** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **39.3319, 42.3182, 25.4983**, and the grayscale version is **24.7303, 26.0182, 28.3338**.

A 20% lighter version of the original color is **53.3989, 53.3164, 92.2707**, and **10.6168, 10.1565, 23.9551** is the 20% darker color. If you saturate the color by 10%, you get **22.0604, 20.8921, 49.8841**, and if you desaturate by 10%, it is **31.7751, 32.2016, 51.5550**.

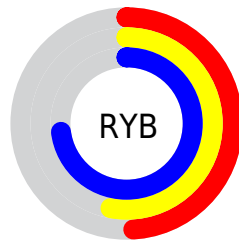
Distribution



Red (49%)

Green (54%)

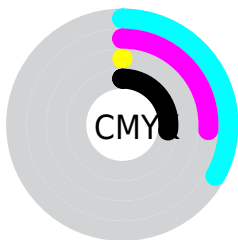
Blue (73%)



Red (49%)

Yellow (53%)

Blue (73%)

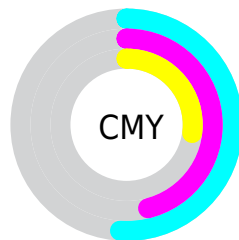


Cyan (33%)

Magenta (26%)

Yellow (0%)

Black (27%)



Cyan (51%)

Magenta (46%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5156, 26.1248, 50.6588 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 26.5156, 26.1248, 50.6588 by changing the saturation by 10% instead.

■ 26.5156, 26.1248,
50.6588

■ 26.5156, 26.1248,
50.6588

277.5145,
283.3942, 406.0453

■ 17.3445, 16.9170,
35.5623

■ 53.5310, 53.4762,
92.5566

■ 10.5772, 10.1754,
23.8093

■ 72.1059, 72.3886,
120.1949

■ 5.8485, 5.5154,
14.9814

■ 94.5462, 95.3047,
152.8509

■ 2.7930, 2.5527,
8.6598

121.2171,
122.6089, 190.9432

■ 1.0452, 0.9030,
4.4262

152.4840,
154.6855, 234.8902

■ 0.0000, 0.0000,
1.8619

188.7123,

■ 0.0000, 0.0000,

191.9190, 285.1105

0.4684

230.2674,
234.6938, 342.0227

■ 0.0000, 0.0000,
0.0000

■ 26.5156, 26.1248,
50.6588

■ 26.5156, 26.1248,
50.6588

■ 22.0604, 20.8921,
49.8841

■ 31.7751, 32.2016,
51.5550

■ 18.3663, 16.4624,
49.2237

■ 37.8737, 39.1549,
52.5757

■ 15.3901, 12.7956,
48.6728

■ 44.8476, 47.0194,
53.7261

■ 13.0829, 9.8468,
48.2253

■ 52.7299, 55.8267,
55.0107

■ 11.3895, 7.5660,
47.8743

■ 61.5520, 65.6070,
56.4335

■ 10.2449, 5.8961,
47.6123

■ 71.3436, 76.3891,
57.9986

■ 9.7022, 5.0528,
47.4781

■ 81.8002, 88.0289,
59.6941

■ 85.9697, 96.3679,
61.0840

Harmonies

Analogous

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



23.1377, 26.1248, 50.5629



26.5156, 26.1248, 50.6588



29.7067, 26.1248, 43.9485

Triad

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



26.5156, 26.1248, 50.6588



29.7770, 26.1248, 17.2260



19.0504, 26.1248, 23.7651

Complementary

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



26.5156, 26.1248, 50.6588



39.3319, 42.3182, 25.4983

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.



20.5200, 26.1248, 17.0986



26.5156, 26.1248, 50.6588



26.6046, 26.1248, 13.9524

Square

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



26.5156, 26.1248, 50.6588



31.7030, 26.1248, 23.9819



23.2190, 26.1248, 13.9119



19.0313, 26.1248, 33.4312

Rectangle

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



26.5156, 26.1248, 50.6588



31.2119, 26.1248, 37.2429



23.2190, 26.1248, 13.9119



19.3847, 26.1248, 21.1555

Sweetspot

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



26.5165, 26.1258, 50.6594



71.4011, 74.1663, 94.7537



33.8263, 42.9404, 46.3294



15.3488, 15.9087, 20.8043



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.



26.5165, 26.1258, 50.6594



41.3794, 39.6293, 89.6697



27.5570, 24.0571, 50.2053



9.1743, 9.5409, 12.0302



6.7282, 3.5681, 32.7270



0.3117, 0.2361, 1.2980

Inverse Universe

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



32.4154, 27.0679, 27.5619



53.7353, 42.0204, 41.1955



37.9280, 45.5049, 26.1874



9.6098, 9.5682, 10.3344



14.3969, 7.3899, 2.1175



0.5883, 0.2992, 0.2110

Previews

White Background



This preview shows how the XYZ color 26.5156, 26.1248, 50.6588 looks on a white background.

Color Contrast Check

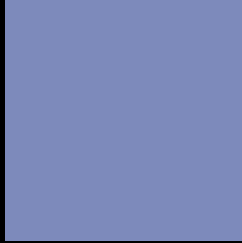
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5156, 26.1248, 50.6588 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

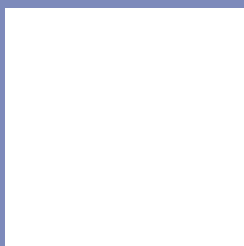
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.5156, 26.1248, 50.6588

Background



This preview shows how black text looks on a background with the XYZ color 26.5156, 26.1248, 50.6588.



This preview shows how white text looks on a background with the XYZ color 26.5156, 26.1248,

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

26.5156, 26.1248, 50.6588

Protanopia

26.6623, 26.2004, 50.6656

Deuteranopia

26.8105, 26.2768, 50.6726



Tritanopia

23.3609, 26.1646, 34.8294

Trichromacy



Original Color

26.5156, 26.1248, 50.6588

Protanomaly

26.6623, 26.2004, 50.6656

Deuteranomaly

26.6623, 26.2004, 50.6656

Tritanomaly

24.5332, 26.2010, 40.3235

Monochromacy



Original Color

26.5156, 26.1248, 50.6588

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.3101, 26.0505, 35.5925

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5156, 26.1248, 50.6588 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, 138, 187)` looks like.

```
.text, #text, p{  
    color:rgb(125, 138, 187)  
}
```

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, 138, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 138, 187) }
```

Border

The CSS property to change the border of an element to XYZ 26.5156, 26.1248, 50.6588 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, 138, 187) }
```


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

```
.border{ border-color:rgb(125, 138, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 138, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 138, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 138, 187);  
box-shadow:4px 4px 4px 4px rgb(125, 138,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5156, 26.1248, 50.6588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 138, 187) }
```

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

```
.background{ background-color: rgb(125,  
138, 187) }
```

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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