

Converting Colors

XYZ(26.5203, 26.8467, 52.6474)

Have a look what the booklet for
XYZ(26.5203, 26.8467, 52.6474)
contains.

XYZ(26.5750, 26.9856, 52.5233)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.5750, 26.9856,
52.5233)**

Conversions

Conversions Part 1

Format	Color
Hex	778EBE
RGB	119, 142, 190
RGB Percent	47%, 56%, 75%
CMY	0.5333, 0.4431, 0.2549
CMYK	0.37, 0.25, 0.00, 0.25
HSL	221°, 35%, 61%
HSV	221°, 37%, 75%
XYZ	26.5750, 26.9856, 52.5233
YIQ	140.5950, -29.1160, 10.0520

Conversions

Conversions Part 2

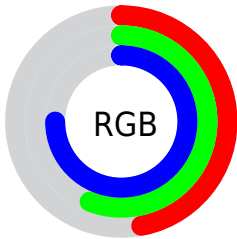
Format	Color
R_{YB}	119, 136, 190
Decimal	7835326
CIE _{Lab}	58.96, 3.84, -27.61
CIE _{LCh}	59, 27.876, 277.923
Yxy	26.9856, 0.2505, 0.2544
Android (android.graphics.Color)	4286025406 (0xFF778EBE)
YUV	140.5950, 24.3567, -18.9388
Hunter-Lab	51.9477, 0.4073, -23.5836

Details

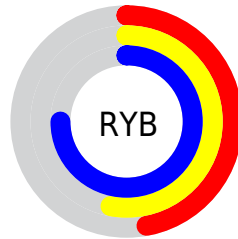
The XYZ color **26.5750, 26.9856, 52.5233** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **38.3844, 39.9173, 23.1355**, and the grayscale version is **25.0757, 26.3816, 28.7296**.

A 20% lighter version of the original color is **53.6081, 55.0179, 94.9828**, and **10.5858, 10.6252, 24.7855** is the 20% darker color. If you saturate the color by 10%, you get **22.4212, 22.1692, 51.8131**, and if you desaturate by 10%, it is **31.4721, 32.5133, 53.3326**.

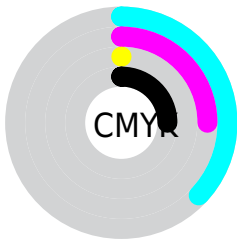
Distribution



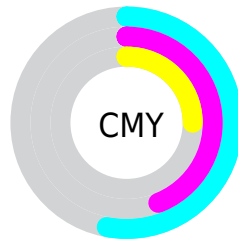
- Red (47%)
- Green (56%)
- Blue (75%)



- Red (47%)
- Yellow (53%)
- Blue (75%)



- Cyan (37%)
- Magenta (25%)
- Yellow (0%)
- Black (25%)



- Cyan (53%)
- Magenta (44%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5750, 26.9856, 52.5233 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 26.5750, 26.9856, 52.5233 by changing the saturation by 10% instead.

■ 26.5750, 26.9856,
52.5233

■ 26.5750, 26.9856,
52.5233

277.7986,
287.5874, 413.4678

■ 17.3892, 17.5624,
37.0372

■ 53.6258, 54.8608,
95.3370

■ 10.6094, 10.6363,
24.9403

■ 72.2216, 74.0815,
123.5017

■ 5.8702, 5.8228,
15.8140

■ 94.6848, 97.3369,
156.7296

■ 2.8062, 2.7376,
9.2397

121.3807,
125.0114, 195.4394

■ 1.0521, 0.9963,
4.7989

152.6746,
157.4892, 240.0496

■ 0.0000, 0.0000,
2.0731

188.9320,

■ 0.0000, 0.0000,

195.1549, 290.9787

0.5997

230.5183,
238.3929, 348.6453

■ 0.0000, 0.0000,
0.0000

■ 26.5750, 26.9856,
52.5233

■ 26.5750, 26.9856,
52.5233

■ 22.4212, 22.1692,
51.8131

■ 31.4721, 32.5133,
53.3326

■ 18.9694, 18.0301,
51.1961

■ 37.1456, 38.7781,
54.2428

■ 16.1780, 14.5356,
50.6687

■ 43.6297, 45.8084,
55.2581

■ 13.9996, 11.6491,
50.2263

■ 50.9557, 53.6298,
56.3816

■ 12.3797, 9.3291,
49.8639

■ 59.1532, 62.2670,
57.6167

■ 11.2434, 7.5228,
49.5751

■ 68.2505, 71.7433,
58.9663

■ 10.9926, 7.1142,
49.5095

■ 78.2743, 82.0812,
60.4335

■ 83.1153, 90.1395,
61.7337

■ 86.2944, 96.4977,
62.7934

Harmonies

Analogous

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



23.2339, 26.9856, 50.7575



26.5750, 26.9856, 52.5233



29.9493, 26.9856, 47.0772

Triad

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



26.5750, 26.9856, 52.5233



31.2503, 26.9856, 19.1781



19.9758, 26.9856, 22.8004

Complementary

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



26.5750, 26.9856, 52.5233



38.3844, 39.9173, 23.1355

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.



21.7814, 26.9856, 16.7919



26.5750, 26.9856, 52.5233



28.2260, 26.9856, 15.0510

Square

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



26.5750, 26.9856, 52.5233



32.8022, 26.9856, 26.8392



24.7448, 26.9856, 14.2880



19.6196, 26.9856, 32.0821

Rectangle

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



26.5750, 26.9856, 52.5233



31.6954, 26.9856, 40.6803



24.7448, 26.9856, 14.2880



20.4250, 26.9856, 20.3982

Sweetspot

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



26.5759, 26.9866, 52.5239



74.4076, 77.9888, 99.4108



32.9355, 43.5149, 42.9010



15.9829, 16.7395, 21.7740



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.



26.5759, 26.9866, 52.5239



41.7744, 41.5179, 94.0911



25.2263, 21.7244, 51.5794



9.2621, 9.7165, 12.0595



7.3734, 4.8586, 32.9421



0.3497, 0.3120, 1.3107

Inverse Universe

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



32.7153, 26.0947, 28.9046



54.7475, 40.4405, 44.0003



40.1423, 47.6441, 24.5343



9.6541, 9.5860, 10.5678



14.7225, 7.5202, 3.8325



0.6074, 0.3069, 0.3119

Previews

White Background



This preview shows how the XYZ color 26.5750, 26.9856, 52.5233 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 26.5750, 26.9856, 52.5233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

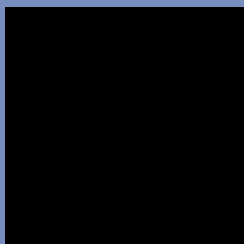
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

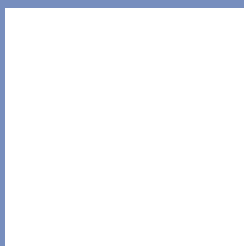
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.5750, 26.9856, 52.5233

Background



This preview shows how black text looks on a background with the XYZ color 26.5750, 26.9856, 52.5233.



This preview shows how white text looks on a background with the XYZ color 26.5750, 26.9856,

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

26.5750, 26.9856, 52.5233

Protanopia

27.3573, 26.9762, 51.3420

Deuteranopia

27.6841, 27.1069, 53.0633



Tritanopia

23.5300, 27.1278, 36.7969

Trichromacy



Original Color

26.5750, 26.9856, 52.5233

Protanomaly

27.1676, 27.0838, 51.9399

Deuteranomaly

27.3863, 27.1713, 53.0914

Tritanomaly

24.6048, 27.1049, 41.9652

Monochromacy



Original Color

26.5750, 26.9856, 52.5233

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.4558, 26.5395, 36.5819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5750, 26.9856, 52.5233 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(119, 142, 190)` looks like.

```
.text, #text, p{  
    color:rgb(119, 142, 190)  
}
```

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(119, 142, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 142, 190) }
```

Border

The CSS property to change the border of an element to XYZ 26.5750, 26.9856, 52.5233 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(119, 142, 190) }
```


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

```
.border{ border-color:rgb(119, 142, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 142, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 142, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 142, 190);  
box-shadow:4px 4px 4px 4px rgb(119, 142,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5750, 26.9856, 52.5233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 142, 190) }
```

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

```
.background{ background-color: rgb(119,  
142, 190) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor