

Converting Colors

XYZ(28.5103, 26.7233, 50.6744)

Have a look what the booklet for
XYZ(28.5103, 26.7233, 50.6744)
contains.

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Color

**XYZ(28.5890, 26.7716,
50.6743)**

Conversions

Conversions Part 1

Format	Color
Hex	8C88BB
RGB	140, 136, 187
RGB Percent	55%, 53%, 73%
CMY	0.4510, 0.4667, 0.2667
CMYK	0.25, 0.27, 0.00, 0.27
HSL	245°, 27%, 63%
HSV	245°, 27%, 73%
XYZ	28.5890, 26.7716, 50.6743
YIQ	143.0100, -13.9870, 16.7090

Conversions

Conversions Part 2

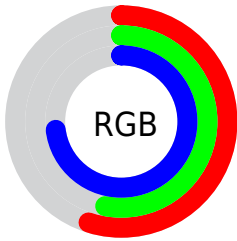
Format	Color
R_{YB}	140, 136, 187
Decimal	9210043
CIE _{Lab}	58.76, 12.76, -26.09
CIE _{LCh}	59, 29.042, 296.058
Yxy	26.7716, 0.2696, 0.2525
Android (android.graphics.Color)	4287400123 (0xFF8C88BB)
YUV	143.0100, 21.6871, -2.6398
Hunter-Lab	51.7413, 8.0807, -21.8485

Details

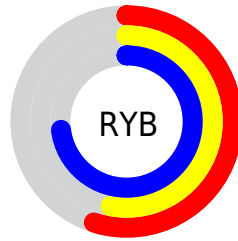
The XYZ color **28.5890, 26.7716, 50.6743** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **41.7434, 47.3861, 30.2399**, and the grayscale version is **26.0333, 27.3891, 29.8267**.

A 20% lighter version of the original color is **56.6234, 54.3356, 92.2975**, and **11.7507, 10.5007, 23.9618** is the 20% darker color. If you saturate the color by 10%, you get **23.5017, 20.5751, 49.7468**, and if you desaturate by 10%, it is **34.5924, 34.1237, 51.7774**.

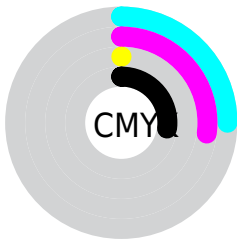
Distribution



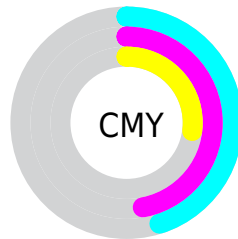
- Red (55%)
- Green (53%)
- Blue (73%)



- Red (55%)
- Yellow (53%)
- Blue (73%)



- Cyan (25%)
- Magenta (27%)
- Yellow (0%)
- Black (27%)



- Cyan (45%)
- Magenta (47%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5890, 26.7716, 50.6743 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 28.5890, 26.7716, 50.6743 by changing the saturation by 10% instead.

■ 28.5890, 26.7716,
50.6743

■ 28.5890, 26.7716,
50.6743

287.3001,
286.5495, 406.1074

■ 18.9128, 17.4018,
35.5745

■ 56.8255, 54.5171,
92.5797

■ 11.7109, 10.5214,
23.8187

■ 76.1166, 73.6616,
120.2225

■ 6.6180, 5.7460,
14.9882

■ 99.3434, 96.8331,
152.8833

■ 3.2685, 2.6912,
8.6646

126.8712,
124.4160, 190.9807

■ 1.2973, 0.9727,
4.4293

159.0655,
156.7947, 234.9333

■ 0.1812, 0.0000,
1.8637

196.2914,

■ 0.0000, 0.0000,

194.3536, 285.1596

0.4695

238.9145,
237.4771, 342.0781

■ 0.0000, 0.0000,
0.0000

■ 28.5890, 26.7716,
50.6743

■ 28.5890, 26.7716,
50.6743

■ 23.5017, 20.5751,
49.7468

■ 34.5924, 34.1237,
51.7774

■ 19.2828, 15.4722,
48.9843

■ 41.5510, 42.6825,
53.0627

■ 15.8844, 11.4004,
48.3774

■ 49.5051, 52.5002,
54.5385

■ 13.2528, 8.2892,
47.9156

■ 58.4917, 63.6247,
56.2121

■ 11.3281, 6.0594,
47.5866

■ 68.5459, 76.1017,
58.0905

■ 10.0410, 4.6190,
47.3765

■ 79.7013, 89.9744,
60.1802

■ 9.3009, 3.8408,
47.2653

■ 85.9697, 96.3679,
61.0839

■ 9.1613, 3.6867,
47.2429

Harmonies

Analogous

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



24.9756, 26.7716, 53.5556



28.5890, 26.7716, 50.6743



31.5905, 26.7716, 41.5929

Triad

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



28.5890, 26.7716, 50.6743



29.4834, 26.7716, 15.6689



19.1807, 26.7716, 27.8162

Complementary

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



28.5890, 26.7716, 50.6743



41.7434, 47.3861, 30.2399

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.



20.1542, 26.7716, 19.4744



28.5890, 26.7716, 50.6743



25.9215, 26.7716, 13.5805

Square

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



28.5890, 26.7716, 50.6743



32.1399, 26.7716, 21.3228



22.5415, 26.7716, 14.7904



19.7521, 26.7716, 38.6899

Rectangle

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



28.5890, 26.7716, 50.6743



32.7237, 26.7716, 34.1593



22.5415, 26.7716, 14.7904



19.3355, 26.7716, 24.6556

Sweetspot

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



28.5899, 26.7727, 50.6749



73.2790, 75.0414, 94.8236



36.1812, 42.9378, 53.3950



15.7015, 15.9888, 20.8012



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.



28.5899, 26.7727, 50.6749



45.3107, 40.7633, 89.6814



33.2709, 29.1858, 50.8940



9.0840, 9.2602, 11.9808



6.3374, 2.5531, 32.5517



0.2721, 0.1123, 1.2762

Inverse Universe

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



37.8456, 31.5930, 48.9038



64.8159, 50.9257, 85.7556



36.3352, 44.5981, 29.9868



9.8968, 9.6830, 11.8456



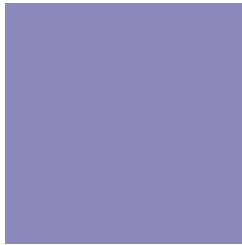
19.2853, 9.3453, 27.8598



0.7651, 0.3699, 1.1423

Previews

White Background



This preview shows how the XYZ color 28.5890, 26.7716, 50.6743 looks on a white background.

Color Contrast Check

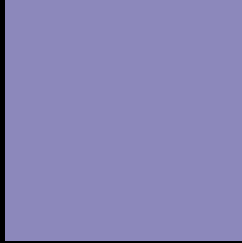
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5890, 26.7716, 50.6743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

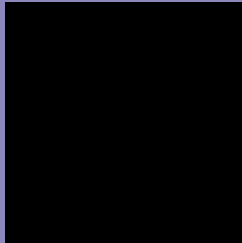
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.5890, 26.7716, 50.6743

Background



This preview shows how black text looks on a background with the XYZ color 28.5890, 26.7716, 50.6743.



This preview shows how white text looks on a background with the XYZ color 28.5890, 26.7716,

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

28.5890, 26.7716, 50.6743

Protanopia

27.4247, 26.9859, 52.4786

Deuteranopia

27.3015, 26.7562, 50.1799



Tritanopia

25.3373, 26.7474, 34.3992

Trichromacy



Original Color

28.5890, 26.7716, 50.6743

Protanomaly

27.9336, 27.0449, 51.8920

Deuteranomaly

27.7829, 26.7905, 50.1611

Tritanomaly

26.4144, 26.7436, 39.8462

Monochromacy



Original Color

28.5890, 26.7716, 50.6743

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.7914, 27.0102, 36.6023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5890, 26.7716, 50.6743 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(140, 136, 187)` looks like.

```
.text, #text, p{  
    color:rgb(140, 136, 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(140, 136, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 136, 187) }
```

Border

The CSS property to change the border of an element to XYZ 28.5890, 26.7716, 50.6743 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(140, 136, 187) }
```


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

```
.border{ border-color:rgb(140, 136, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 136, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 136, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 136, 187);  
box-shadow:4px 4px 4px 4px rgb(140, 136,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5890, 26.7716, 50.6743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 136, 187) }
```

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

```
.background{ background-color: rgb(140,  
136, 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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