

Converting Colors

XYZ(26.5860, 26.1362, 51.7877)

Have a look what the booklet for
XYZ(26.5860, 26.1362, 51.7877)
contains.

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Color

**XYZ(26.5860, 26.1362,
51.7877)**

Conversions

Conversions Part 1

Format	Color
Hex	7C8ABD
RGB	124, 138, 189
RGB Percent	49%, 54%, 74%
CMY	0.5137, 0.4588, 0.2588
CMYK	0.34, 0.27, 0.00, 0.26
HSL	227°, 33%, 61%
HSV	227°, 34%, 74%
XYZ	26.5860, 26.1362, 51.7877
YIQ	139.6280, -24.7150, 12.8930

Conversions

Conversions Part 2

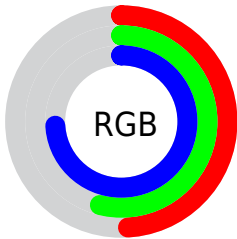
Format	Color
R _Y B	124, 136, 189
Decimal	8161981
CIE Lab	58.17, 7.31, -28.25
CIE LCh	58, 29.177, 284.517
Yxy	26.1362, 0.2544, 0.2501
Android (android.graphics.Color)	4286352061 (0xFF7C8ABD)
YUV	139.6280, 24.3404, -13.7058
Hunter-Lab	51.1236, 3.3598, -24.2737

Details

The XYZ color **26.5860, 26.1362, 51.7877** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **39.9550, 42.9346, 25.2511**, and the grayscale version is **24.6994, 25.9857, 28.2984**.

A 20% lighter version of the original color is **53.4723, 53.3192, 93.8595**, and **10.5354, 10.1064, 24.3171** is the 20% darker color. If you saturate the color by 10%, you get **22.1277, 20.8926, 51.0110**, and if you desaturate by 10%, it is **31.8601, 32.2326, 52.6869**.

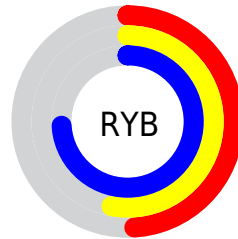
Distribution



Red (49%)

Green (54%)

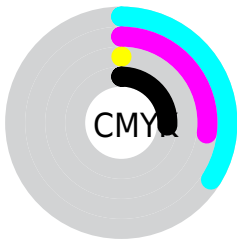
Blue (74%)



Red (49%)

Yellow (53%)

Blue (74%)

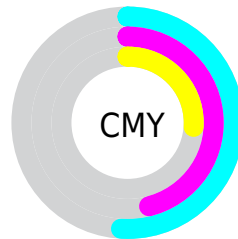


Cyan (34%)

Magenta (27%)

Yellow (0%)

Black (26%)



Cyan (51%)

Magenta (46%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5860, 26.1362, 51.7877 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 26.5860, 26.1362, 51.7877 by changing the saturation by 10% instead.

■ 26.5860, 26.1362,
51.7877

■ 26.5860, 26.1362,
51.7877

277.8512,
283.4500, 410.5501

■ 17.3975, 16.9256,
36.4548

■ 53.6434, 53.4946,
94.2415

■ 10.6154, 10.1814,
24.4932

■ 72.2430, 72.4111,
122.1994

■ 5.8742, 5.5194,
15.4843

■ 94.7104, 95.3318,
155.2028

■ 2.8087, 2.5551,
9.0096

121.4109,
122.6409, 193.6701

■ 1.0534, 0.9042,
4.6505

152.7099,
154.7229, 238.0200

■ 0.0000, 0.0000,
1.9886

188.9727,

■ 0.0000, 0.0000,

191.9621, 288.6709

0.5482

230.5647,
234.7430, 346.0414

■ 0.0000, 0.0000,
0.0000

■ 26.5860, 26.1362,
51.7877

■ 26.5860, 26.1362,
51.7877

■ 22.1277, 20.8926,
51.0110

■ 31.8601, 32.2326,
52.6869

■ 18.4408, 16.4601,
50.3498

■ 37.9859, 39.2153,
53.7118

■ 15.4807, 12.7976,
49.7989

■ 45.0005, 47.1192,
54.8677

■ 13.1968, 9.8591,
49.3521

■ 52.9379, 55.9768,
56.1591

■ 11.5317, 7.5934,
49.0025

■ 61.8304, 65.8188,
57.5901

■ 10.4177, 5.9415,
48.7424

■ 71.7085, 76.6745,
59.1648

■ 9.9683, 5.2399,
48.6306

■ 82.1203, 88.3239,
60.8646

■ 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.



23.0699, 26.1362, 51.6612



26.5860, 26.1362, 51.7877



29.9222, 26.1362, 44.7300

Triad

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



26.5860, 26.1362, 51.7877



30.0140, 26.1362, 16.8686



18.8464, 26.1362, 23.5682

Complementary

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



26.5860, 26.1362, 51.7877



39.9550, 42.9346, 25.2511

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.



20.3714, 26.1362, 16.7053



26.5860, 26.1362, 51.7877



26.7020, 26.1362, 13.5105

Square

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



26.5860, 26.1362, 51.7877



32.0252, 26.1362, 23.8488



23.1754, 26.1362, 13.4588



18.8217, 26.1362, 33.6255

Rectangle

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



26.5860, 26.1362, 51.7877



31.5015, 26.1362, 37.6884



23.1754, 26.1362, 13.4588



19.1936, 26.1362, 20.8728

Sweetspot

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



26.5869, 26.1372, 51.7883



73.1488, 76.0174, 97.0437



34.2402, 43.7728, 47.1596



15.3579, 15.9269, 20.8073



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.



26.5869, 26.1372, 51.7883



41.6734, 39.8392, 91.7195



27.6208, 23.8781, 51.2978



9.1786, 9.5496, 12.0317



6.7537, 3.6191, 32.7355



0.3136, 0.2399, 1.2986

Inverse Universe

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



32.7822, 27.0700, 27.5430



54.5128, 42.2092, 41.3745



38.5403, 46.4622, 26.0066



9.6120, 9.5691, 10.3459



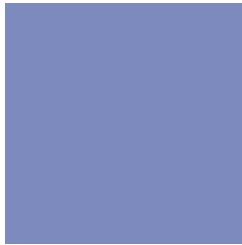
14.4097, 7.3950, 2.1853



0.5892, 0.2996, 0.2160

Previews

White Background



This preview shows how the XYZ color 26.5860, 26.1362, 51.7877 looks on a white background.

Color Contrast Check

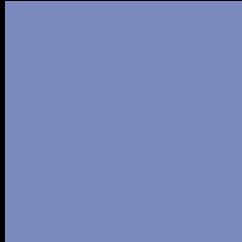
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5860, 26.1362, 51.7877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

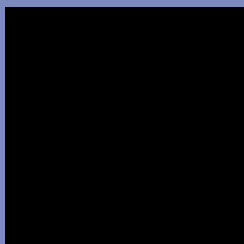
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

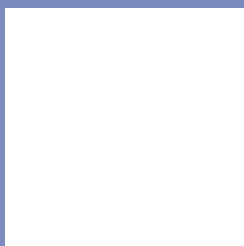
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.5860, 26.1362, 51.7877

Background



This preview shows how black text looks on a background with the XYZ color 26.5860, 26.1362, 51.7877.



This preview shows how white text looks on a background with the XYZ color 26.5860, 26.1362,

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

26.5860, 26.1362, 51.7877

Protanopia

26.7312, 26.2111, 51.7945

Deuteranopia

26.7312, 26.2111, 51.7945



Tritanopia

23.1765, 26.0598, 35.2610

Trichromacy



Original Color

26.5860, 26.1362, 51.7877

Protanomaly

26.7312, 26.2111, 51.7945

Deuteranomaly

26.7312, 26.2111, 51.7945

Tritanomaly

24.3486, 26.0951, 40.7993

Monochromacy



Original Color

26.5860, 26.1362, 51.7877

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.2357, 26.0022, 36.0366

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5860, 26.1362, 51.7877 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(124, 138, 189)` looks like.

```
.text, #text, p{  
    color:rgb(124, 138, 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(124, 138, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 138, 189) }
```

Border

The CSS property to change the border of an element to XYZ 26.5860, 26.1362, 51.7877 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(124, 138, 189) }
```


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

```
.border{ border-color:rgb(124, 138, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 138, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 138, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 138, 189);  
box-shadow:4px 4px 4px 4px rgb(124, 138,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5860, 26.1362, 51.7877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 138, 189) }
```

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

```
.background{ background-color: rgb(124,  
138, 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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