

Converting Colors

XYZ(26.0849, 28.1233, 46.5653)

Have a look what the booklet for
XYZ(26.0849, 28.1233, 46.5653)
contains.

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Color

**XYZ(26.1978, 28.2860,
46.7268)**

Conversions

Conversions Part 1

Format	Color
Hex	7694B3
RGB	118, 148, 179
RGB Percent	46%, 58%, 70%
CMY	0.5372, 0.4196, 0.2980
CMYK	0.34, 0.17, 0.00, 0.30
HSL	210°, 29%, 58%
HSV	210°, 34%, 70%
XYZ	26.1978, 28.2860, 46.7268
YIQ	142.5640, -27.8310, 3.2810

Conversions

Conversions Part 2

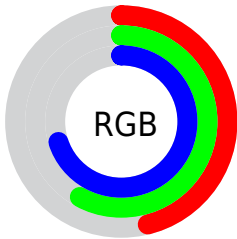
Format	Color
RYB	118, 138, 179
Decimal	7771315
CIELab	60.15, -2.82, -19.57
CIELCh	60, 19.773, 261.799
Yxy	28.2860, 0.2588, 0.2795
Android (android.graphics.Color)	4285961395 (0xFF7694B3)
YUV	142.5640, 17.9629, -21.5426
Hunter-Lab	53.1846, -5.1470, -14.8617

Details

The XYZ color **26.1978, 28.2860, 46.7268** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **32.6084, 32.3871, 21.6731**, and the grayscale version is **25.8743, 27.2217, 29.6445**.

A 20% lighter version of the original color is **53.1292, 57.0099, 86.8011**, and **10.3553, 11.2490, 21.3642** is the 20% darker color. If you saturate the color by 10%, you get **22.6227, 24.4080, 46.1672**, and if you desaturate by 10%, it is **30.3481, 32.6284, 47.3467**.

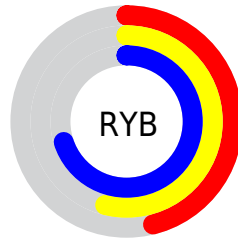
Distribution



Red (46%)

Green (58%)

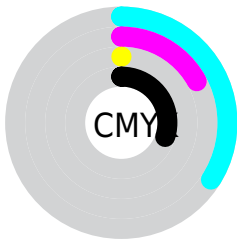
Blue (70%)



Red (46%)

Yellow (54%)

Blue (70%)

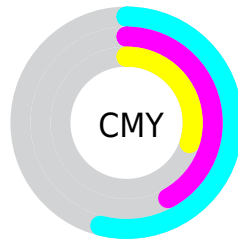


Cyan (34%)

Magenta (17%)

Yellow (0%)

Black (30%)



Cyan (54%)

Magenta (42%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1978, 28.2860, 46.7268 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 26.1978, 28.2860, 46.7268 by changing the saturation by 10% instead.

■ 26.1978, 28.2860,
46.7268

■ 26.1978, 28.2860,
46.7268

275.9906,
293.8310, 390.0851

■ 17.1051, 18.5414,
32.4669

■ 53.0229, 56.9407,
86.6514

■ 10.4052, 11.3394,
21.4506

■ 71.4860, 76.6196,
113.1532

■ 5.7328, 6.2956,
13.2594

■ 93.8034, 100.3787,
144.5727

■ 2.7224, 3.0256,
7.4746

120.3403,
128.6024, 181.3285

■ 1.0087, 1.1451,
3.6777

151.4621,
161.6751, 223.8391

■ 0.0000, 0.0162,
1.4503

187.5342,

■ 0.0000, 0.0000,

199.9811, 272.5230

0.1805

228.9219,
243.9050, 327.7989

■ 0.0000, 0.0000,
0.0000

■ 26.1978, 28.2860,
46.7268

■ 26.1978, 28.2860,
46.7268

■ 22.6227, 24.4080,
46.1672

■ 30.3481, 32.6284,
47.3467

■ 19.5914, 20.9723,
45.6638

■ 35.0976, 37.4491,
48.0269

■ 17.0734, 17.9600,
45.2151

■ 40.4719, 42.7657,
48.7698

■ 15.0336, 15.3488,
44.8186

■ 46.4944, 48.5936,
49.5773

■ 13.4322, 13.1140,
44.4716

■ 53.1872, 54.9476,
50.4510

■ 12.2212, 11.2264,
44.1711

■ 60.5714, 61.8419,
51.3925

■ 11.6294, 10.2400,
44.0119

■ 68.6670, 69.2898,
52.4035

■ 75.1739, 76.1089,
53.3767

■ 77.6379, 81.0369,
54.1981

Harmonies

Analogous

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



23.9907, 28.2860, 43.0792



26.1978, 28.2860, 46.7268



28.7300, 28.2860, 45.6100

Triad

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



26.1978, 28.2860, 46.7268



31.6535, 28.2860, 25.9149



23.2446, 28.2860, 22.9696

Complementary

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



26.1978, 28.2860, 46.7268



32.6084, 32.3871, 21.6731

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.



25.1208, 28.2860, 19.6008



26.1978, 28.2860, 46.7268



30.0032, 28.2860, 21.1065

Square

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



26.1978, 28.2860, 46.7268



31.9866, 28.2860, 32.8267



27.5841, 28.2860, 18.9767



22.3569, 28.2860, 28.8559

Rectangle

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



26.1978, 28.2860, 46.7268



30.2553, 28.2860, 42.3808



27.5841, 28.2860, 18.9767



23.7748, 28.2860, 21.5460

Sweetspot

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



26.1987, 28.2871, 46.7275



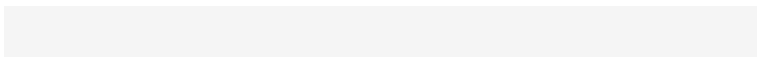
66.4841, 70.6835, 86.5204



28.9770, 38.2464, 34.0808



14.4396, 15.3718, 19.1283



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



26.1987, 28.2871, 46.7275



41.9527, 45.2967, 82.9132



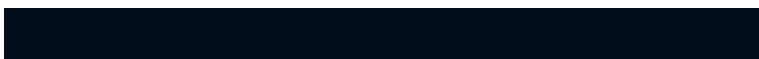
22.0872, 20.0640, 45.3569



8.3755, 8.8973, 10.7822



8.2827, 7.3657, 31.1222



0.3190, 0.3486, 0.9987

Inverse Universe

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



30.4149, 24.6796, 31.1787



50.8482, 38.4779, 49.9303



37.9811, 43.1325, 23.4640



8.6647, 8.5726, 9.7330



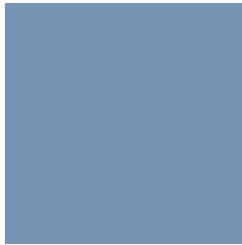
14.4154, 7.2837, 7.3473



0.4831, 0.2410, 0.3865

Previews

White Background



This preview shows how the XYZ color 26.1978, 28.2860, 46.7268 looks on a white background.

Color Contrast Check

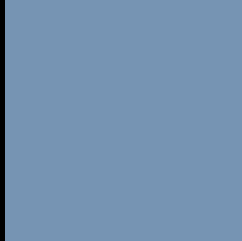
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1978, 28.2860, 46.7268 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

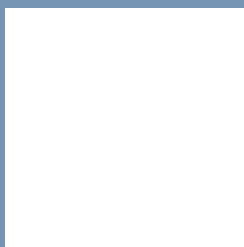
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.1978, 28.2860, 46.7268

Background



This preview shows how black text looks on a background with the XYZ color 26.1978, 28.2860, 46.7268.

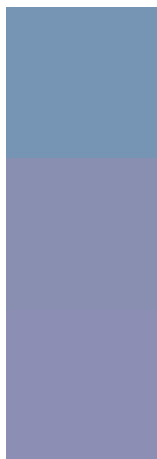


This preview shows how white text looks on a background with the XYZ color 26.1978, 28.2860,

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

26.1978, 28.2860, 46.7268

Protanopia

27.9755, 28.0979, 45.0233

Deuteranopia

28.7264, 28.2167, 47.1123



Tritanopia

24.6169, 28.3550, 38.8259

Trichromacy



Original Color

26.1978, 28.2860, 46.7268

Protanomaly

27.2671, 28.1709, 45.5954

Deuteranomaly

27.7272, 28.1473, 47.1516

Tritanomaly

25.1380, 28.3221, 41.6779

Monochromacy



Original Color

26.1978, 28.2860, 46.7268

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.9577, 27.7194, 35.4348

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1978, 28.2860, 46.7268 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(118, 148, 179)` looks like.

```
.text, #text, p{  
    color:rgb(118, 148, 179)  
}
```

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(118, 148, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 148, 179) }
```

Border

The CSS property to change the border of an element to XYZ 26.1978, 28.2860, 46.7268 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(118, 148, 179) }
```


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

```
.border{ border-color:rgb(118, 148, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 148, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 148, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 148, 179); box-shadow:4px 4px 4px 4px rgb(118, 148, 179) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1978, 28.2860, 46.7268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 148, 179) }
```

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

```
.background{ background-color: rgb(118,  
148, 179) }
```

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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