

Converting Colors

XYZ(11.7830, 11.3300, 26.7654)

Have a look what the booklet for
XYZ(11.7830, 11.3300, 26.7654)
contains.

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Color

**XYZ(11.7826, 11.3296,
26.7651)**

Conversions

Conversions Part 1

Format	Color
Hex	4D5D8D
RGB	77, 93, 141
RGB Percent	30%, 36%, 55%
CMY	0.6980, 0.6353, 0.4471
CMYK	0.45, 0.34, 0.00, 0.45
HSL	225°, 29%, 43%
HSV	225°, 45%, 55%
XYZ	11.7826, 11.3296, 26.7651
YIQ	93.6880, -24.9440, 11.5360

Conversions

Conversions Part 2

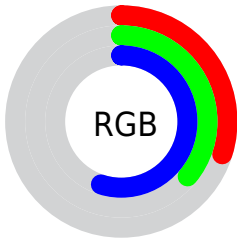
Format	Color
RYB	77, 90, 141
Decimal	5070221
CIELab	40.13, 7.37, -28.51
CIELCh	40, 29.446, 284.492
Yxy	11.3296, 0.2362, 0.2271
Android (android.graphics.Color)	4283260301 (0xFF4D5D8D)
YUV	93.6880, 23.3248, -14.6354
Hunter-Lab	33.6595, 3.5804, -23.5842

Details

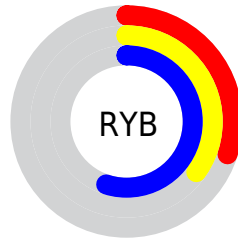
The XYZ color **11.7826, 11.3296, 26.7651** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **19.6579, 20.8660, 10.0130**, and the grayscale version is **10.5171, 11.0648, 12.0496**.

A 20% lighter version of the original color is **28.7260, 28.2522, 55.5689**, and **3.2629, 2.9779, 10.0757** is the 20% darker color. If you saturate the color by 10%, you get **9.9010, 9.0758, 26.4295**, and if you desaturate by 10%, it is **14.0400, 13.9681, 27.1556**.

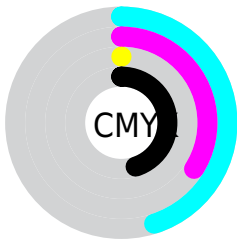
Distribution



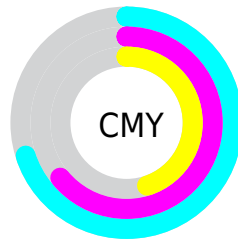
- Red (30%)
- Green (36%)
- Blue (55%)



- Red (30%)
- Yellow (35%)
- Blue (55%)



- Cyan (45%)
- Magenta (34%)
- Yellow (0%)
- Black (45%)



- Cyan (70%)
- Magenta (64%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.7826, 11.3296, 26.7651 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 11.7826, 11.3296, 26.7651 by changing the saturation by 10% instead.

■ 11.7826, 11.3296,
26.7651

■ 11.7826, 11.3296,
26.7651

196.7601,
199.9151, 300.2421

■ 6.6670, 6.2890,
17.1660

■ 28.7188, 28.2681,
55.5058

■ 3.2992, 3.0216,
10.1897

■ 41.2702, 40.9347,
75.4846

■ 1.3139, 1.1430,
5.4177

■ 57.0307, 56.9121,
99.7603

■ 0.1936, 0.0144,
2.4314

■ 76.3659, 76.5848,
128.7515

■ 0.0000, 0.0000,
0.8034

■ 99.6411, 100.3370,
162.8767

■ 0.0000, 0.0000,
0.0000

127.2217,

128.5532, 202.5545

159.4729,
161.6177, 248.2035

■ 11.7826, 11.3296,
26.7651

■ 11.7826, 11.3296,
26.7651

■ 9.9010, 9.0758,
26.4295

■ 14.0400, 13.9681,
27.1556

■ 8.3727, 7.1868,
26.1454

■ 16.6917, 17.0075,
27.6025

■ 7.1744, 5.6424,
25.9105

■ 19.7561, 20.4646,
28.1083

■ 6.2795, 4.4199,
25.7217

■ 23.2504, 24.3547,
28.6750

■ 5.6522, 3.4912,
25.5755

■ 27.1906, 28.6925,
29.3046

■ 5.4162, 3.1400,
25.5201

■ 31.5918, 33.4917,
29.9990

■ 36.4686, 38.7658,
30.7599

■ 41.8349, 44.5273,
31.5892

■ 47.7039, 50.7887,
32.4884

Harmonies

Analogous

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



9.7510, 11.3296, 26.6785



11.7826, 11.3296, 26.7651



13.7656, 11.3296, 22.2382

Triad

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



11.7826, 11.3296, 26.7651



13.8238, 11.3296, 6.0078



7.4068, 11.3296, 9.5635

Complementary

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



11.7826, 11.3296, 26.7651



19.6579, 20.8660, 10.0130

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.



8.2414, 11.3296, 5.9207



11.7826, 11.3296, 26.7651



11.8543, 11.3296, 4.3559

Square

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



11.7826, 11.3296, 26.7651



15.0413, 11.3296, 9.7273



9.8142, 11.3296, 4.3302



7.3927, 11.3296, 15.3738

Rectangle

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



11.7826, 11.3296, 26.7651



14.7210, 11.3296, 17.8483



9.8142, 11.3296, 4.3302



7.5954, 11.3296, 8.0945

Sweetspot

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



11.7830, 11.3300, 26.7654



36.0231, 37.3689, 50.4422



16.2196, 22.0813, 22.4542



7.7946, 8.0650, 11.2253



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



11.7830, 11.3300, 26.7654



17.8015, 16.3390, 47.3434



11.8689, 9.5031, 26.4082



5.2324, 5.4605, 6.8070



4.9497, 2.8855, 23.2732



0.0627, 0.0583, 0.2276

Inverse Universe

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



15.6145, 11.7611, 11.8035



25.6507, 17.6620, 16.5937



19.4787, 24.0265, 10.6325



5.4608, 5.4448, 5.9244



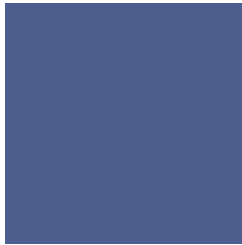
10.3015, 5.2776, 1.9731



0.1062, 0.0536, 0.0597

Previews

White Background



This preview shows how the XYZ color 11.7826, 11.3296, 26.7651 looks on a white 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

Black Background



This preview shows how the XYZ color 11.7826, 11.3296, 26.7651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

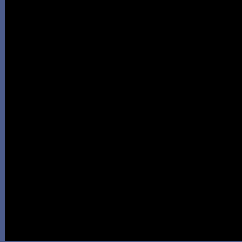
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

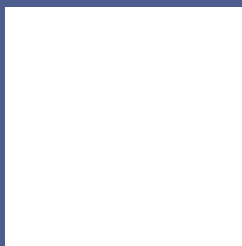
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.7826, 11.3296, 26.7651

Background



This preview shows how black text looks on a background with the XYZ color 11.7826, 11.3296, 26.7651.



This preview shows how white text looks on a background with the XYZ color 11.7826, 11.3296,

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

11.7826, 11.3296, 26.7651

Protanopia

11.8640, 11.3715, 26.7689

Deuteranopia

11.5581, 11.3450, 26.7799



Tritanopia

9.6478, 11.4260, 15.8843

Trichromacy



Original Color

11.7826, 11.3296, 26.7651

Protanomaly

11.8640, 11.3715, 26.7689

Deuteranomaly

11.6345, 11.3843, 26.7835

Tritanomaly

10.2634, 11.2450, 19.3989

Monochromacy



Original Color

11.7826, 11.3296, 26.7651

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.8964, 11.2278, 16.6318

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.7826, 11.3296, 26.7651 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(77, 93, 141)` looks like.

```
.text, #text, p{  
    color:rgb(77, 93, 141)  
}
```

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(77, 93, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 93, 141) }
```

Border

The CSS property to change the border of an element to XYZ 11.7826, 11.3296, 26.7651 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(77, 93, 141) }
```


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

```
.border{ border-color:rgb(77, 93, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 93, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 93, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 93, 141);  
box-shadow:4px 4px 4px 4px rgb(77, 93,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 11.7826, 11.3296, 26.7651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 93, 141) }
```

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

```
.background{ background-color: rgb(77, 93,  
141) }
```

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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