

Converting Colors

XYZ(26.1177, 25.5947, 41.8222)

Have a look what the booklet for
XYZ(26.1177, 25.5947, 41.8222)
contains.

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Color

**XYZ(26.2132, 25.7448,
41.6179)**

Conversions

Conversions Part 1

Format	Color
Hex	8888AA
RGB	136, 136, 170
RGB Percent	53%, 53%, 67%
CMY	0.4667, 0.4667, 0.3333
CMYK	0.20, 0.20, 0.00, 0.33
HSL	240°, 17%, 60%
HSV	240°, 20%, 67%
XYZ	26.2132, 25.7448, 41.6179
YIQ	139.8760, -10.9140, 10.5740

Conversions

Conversions Part 2

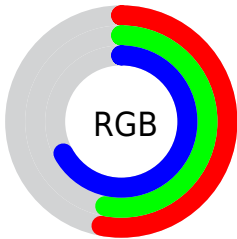
Format	Color
R_{YB}	136, 136, 170
Decimal	8947882
CIE _{Lab}	57.79, 7.38, -17.91
CIE _{LCh}	58, 19.376, 292.395
Yxy	25.7448, 0.2801, 0.2751
Android (android.graphics.Color)	4287137962 (0xFF8888AA)
YUV	139.8760, 14.8511, -3.3993
Hunter-Lab	50.7393, 3.4237, -13.1139

Details

The XYZ color **26.2132, 25.7448, 41.6179** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **35.3966, 39.0732, 28.9696**, and the grayscale version is **24.8270, 26.1199, 28.4446**.

A 20% lighter version of the original color is **53.0234, 52.7786, 78.6268**, and **10.4356, 9.9420, 18.5085** is the 20% darker color. If you saturate the color by 10%, you get **21.4610, 20.0188, 40.7636**, and if you desaturate by 10%, it is **31.7847, 32.4581, 42.6205**.

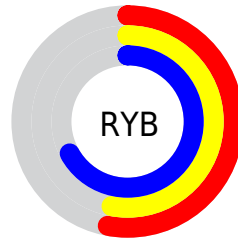
Distribution



Red (53%)

Green (53%)

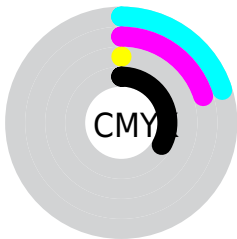
Blue (67%)



Red (53%)

Yellow (53%)

Blue (67%)

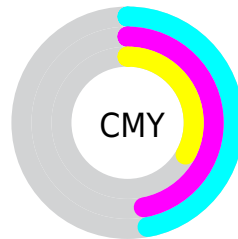


Cyan (20%)

Magenta (20%)

Yellow (0%)

Black (33%)



Cyan (47%)

Magenta (47%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2132, 25.7448, 41.6179 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 26.2132, 25.7448, 41.6179 by changing the saturation by 10% instead.

■ 26.2132, 25.7448,
41.6179

■ 26.2132, 25.7448,
41.6179

276.0646,
281.5271, 368.6494

■ 17.1167, 16.6328,
28.4789

■ 53.0475, 52.8630,
78.8848

■ 10.4136, 9.9731,
18.4448

■ 71.5161, 71.6379,
103.8498

■ 5.7384, 5.3811,
11.0971

■ 93.8394, 94.4027,
133.5939

■ 2.7258, 2.4726,
6.0172

120.3829,
121.5416, 168.5356

■ 1.0105, 0.8628,
2.7866

151.5117,
153.4391, 209.0935

■ 0.0000, 0.0000,
0.9867

187.5914,

■ 0.0000, 0.0000,

190.4796, 255.6860

0.0000

228.9873,
233.0475, 308.7318

■ 26.2132, 25.7448,
41.6179

■ 26.2132, 25.7448,
41.6179

■ 21.4610, 20.0188,
40.7636

■ 31.7847, 32.4581,
42.6205

■ 17.4872, 15.2307,
40.0488

■ 38.2089, 40.1989,
43.7760

■ 14.2511, 11.3313,
39.4667

■ 45.5205, 49.0088,
45.0911

■ 11.7072, 8.2661,
39.0091

■ 53.7515, 58.9264,
46.5716

■ 9.8051, 5.9742,
38.6670

■ 62.9320, 69.9883,
48.2229

■ 8.4877, 4.3868,
38.4300

■ 73.0912, 82.2293,
50.0502

■ 7.6875, 3.4226,
38.2861

■ 84.2558, 95.6823,
52.0584

■ 7.2559, 2.9024,
38.2085

■ 7.2558, 2.9024,
38.2085

Harmonies

Analogous

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



23.8826, 25.7448, 42.7383



26.2132, 25.7448, 41.6179



28.1860, 25.7448, 36.5952

Triad

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



26.2132, 25.7448, 41.6179



27.3010, 25.7448, 19.0606



20.2995, 25.7448, 26.3708

Complementary

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



26.2132, 25.7448, 41.6179



35.3966, 39.0732, 28.9696

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.



21.0952, 25.7448, 20.9207



26.2132, 25.7448, 41.6179



25.0662, 25.7448, 17.1574

Square

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



26.2132, 25.7448, 41.6179



28.8413, 25.7448, 23.4301



22.8052, 25.7448, 17.7799



20.5637, 25.7448, 33.1995

Rectangle

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



26.2132, 25.7448, 41.6179



28.9842, 25.7448, 32.0862



22.8052, 25.7448, 17.7799



20.4501, 25.7448, 24.3340

Sweetspot

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



26.2140, 25.7459, 41.6185



62.0166, 64.1293, 78.1114



31.7308, 36.8651, 43.1935



13.6702, 14.1086, 17.3904



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



26.2140, 25.7459, 41.6185



43.5575, 41.8875, 74.7912



29.0906, 27.2286, 41.7531



7.1318, 7.3006, 9.4516



5.3374, 2.1350, 28.1063



0.1299, 0.0520, 0.6838

Inverse Universe

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



29.8263, 27.9327, 27.1132



51.3177, 46.5853, 43.6303



32.0633, 37.3551, 28.8136



7.5311, 7.5423, 7.8482



12.1947, 6.2866, 0.5708



0.2967, 0.1530, 0.0139

Previews

White Background



This preview shows how the XYZ color 26.2132, 25.7448, 41.6179 looks on a white background.

Color Contrast Check

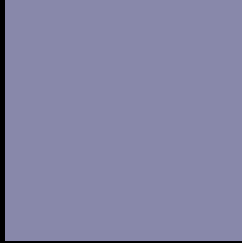
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2132, 25.7448, 41.6179 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 26.2132, 25.7448, 41.6179

Background



This preview shows how black text looks on a background with the XYZ color 26.2132, 25.7448, 41.6179.



This preview shows how white text looks on a background with the XYZ color 26.2132, 25.7448,

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

26.2132, 25.7448, 41.6179

Protanopia

25.6564, 25.6569, 42.1281

Deuteranopia

26.3764, 25.8290, 41.6255



Tritanopia

24.3343, 25.6051, 32.9379

Trichromacy



Original Color

26.2132, 25.7448, 41.6179

Protanomaly

25.9692, 25.8181, 42.1428

Deuteranomaly

26.3764, 25.8290, 41.6255

Tritanomaly

24.9329, 25.6321, 35.9811

Monochromacy



Original Color

26.2132, 25.7448, 41.6179

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.4660, 26.1886, 32.9909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2132, 25.7448, 41.6179 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(136, 136, 170)` looks like.

```
.text, #text, p{  
    color:rgb(136, 136, 170)  
}
```

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(136, 136, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 136, 170) }
```

Border

The CSS property to change the border of an element to XYZ 26.2132, 25.7448, 41.6179 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(136, 136, 170) }
```


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

```
.border{ border-color:rgb(136, 136, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 136, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 136, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 136, 170);  
box-shadow:4px 4px 4px 4px rgb(136, 136,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2132, 25.7448, 41.6179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 136, 170) }
```

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

```
.background{ background-color: rgb(136,  
136, 170) }
```

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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