

Converting Colors

XYZ(26.1497, 25.9437, 43.6345)

Have a look what the booklet for
XYZ(26.1497, 25.9437, 43.6345)
contains.

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Color

**XYZ(26.1014, 25.8528,
43.6588)**

Conversions

Conversions Part 1

Format	Color
Hex	8489AE
RGB	132, 137, 174
RGB Percent	52%, 54%, 68%
CMY	0.4823, 0.4627, 0.3176
CMYK	0.24, 0.21, 0.00, 0.32
HSL	233°, 21%, 60%
HSV	233°, 24%, 68%
XYZ	26.1014, 25.8528, 43.6588
YIQ	139.7230, -14.8570, 10.4470

Conversions

Conversions Part 2

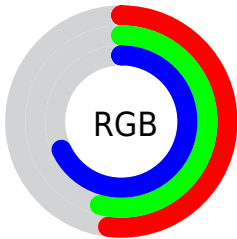
Format	Color
R_{YB}	132, 136, 174
Decimal	8685998
CIE Lab	57.90, 6.47, -20.07
CIE LCh	58, 21.090, 287.878
Yxy	25.8528, 0.2730, 0.2704
Android (android.graphics.Color)	4286876078 (0xFF8489AE)
YUV	139.7230, 16.8986, -6.7731
Hunter-Lab	50.8456, 2.6523, -15.3176

Details

The XYZ color **26.1014, 25.8528, 43.6588** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **35.8089, 39.0410, 27.4791**, and the grayscale version is **24.7612, 26.0507, 28.3692**.

A 20% lighter version of the original color is **52.9461, 52.9792, 82.2984**, and **10.3391, 9.9907, 19.4726** is the 20% darker color. If you saturate the color by 10%, you get **21.5777, 20.5131, 42.8670**, and if you desaturate by 10%, it is **31.3902, 32.0477, 44.5762**.

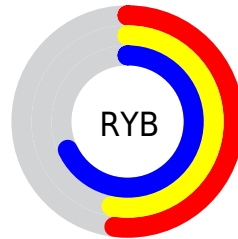
Distribution



Red (52%)

Green (54%)

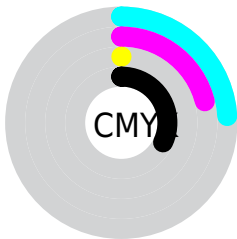
Blue (68%)



Red (52%)

Yellow (53%)

Blue (68%)

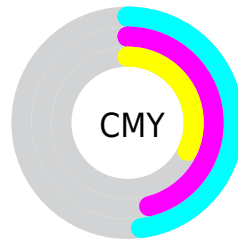


Cyan (24%)

Magenta (21%)

Yellow (0%)

Black (32%)



Cyan (48%)

Magenta (46%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1014, 25.8528, 43.6588 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 26.1014, 25.8528, 43.6588 by changing the saturation by 10% instead.

■ 26.1014, 25.8528,
43.6588

■ 26.1014, 25.8528,
43.6588

275.5271,
282.0587, 377.3146

■ 17.0326, 16.7136,
30.0671

■ 52.8686, 53.0374,
82.0011

■ 10.3532, 10.0305,
19.6371

■ 71.2977, 71.8515,
107.5888

■ 5.6978, 5.4192,
11.9501

■ 93.5777, 94.6594,
138.0122

■ 2.7011, 2.4952,
6.5875

120.0738,
121.8454, 173.6899

■ 0.9978, 0.8743,
3.1310

151.1514,
153.7939, 215.0405

■ 0.0000, 0.0000,
1.1619

187.1760,

■ 0.0000, 0.0000,

190.8894, 262.4824

0.0000

228.5127,
233.5162, 316.4343

■ 26.1014, 25.8528,
43.6588

■ 26.1014, 25.8528,
43.6588

■ 21.5777, 20.5131,
42.8670

■ 31.3902, 32.0477,
44.5762

■ 17.7811, 15.9880,
42.1937

■ 37.4747, 39.1298,
45.6225

■ 14.6742, 12.2380,
41.6336

■ 44.3869, 47.1336,
46.8031

■ 12.2150, 9.2193,
41.1805

■ 52.1565, 56.0904,
48.1224

■ 10.3571, 6.8835,
40.8276

■ 60.8113, 66.0304,
49.5849

■ 9.0477, 5.1765,
40.5671

■ 70.3782, 76.9822,
51.1946

■ 8.2246, 4.0354,
40.3903

■ 80.8829, 88.9733,
52.9554

■ 7.9030, 3.5820,
40.3197

■ 84.6401, 95.8360,
54.0820

Harmonies

Analogous

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



23.5615, 25.8528, 44.1474



26.1014, 25.8528, 43.6588



28.3733, 25.8528, 38.6043

Triad

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



26.1014, 25.8528, 43.6588



27.9935, 25.8528, 19.0019



20.1025, 25.8528, 25.3148

Complementary

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



26.1014, 25.8528, 43.6588



35.8089, 39.0410, 27.4791

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.



21.1269, 25.8528, 19.7761



26.1014, 25.8528, 43.6588



25.6116, 25.8528, 16.5749

Square

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



26.1014, 25.8528, 43.6588



29.5164, 25.8528, 24.0723



23.1041, 25.8528, 16.8314



20.2136, 25.8528, 32.6624

Rectangle

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



26.1014, 25.8528, 43.6588



29.3770, 25.8528, 33.7483



23.1041, 25.8528, 16.8314



20.3224, 25.8528, 23.2066

Sweetspot

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



26.1022, 25.8538, 43.6594



64.5233, 66.9673, 82.1621



31.7577, 38.0203, 42.9068



14.1956, 14.7152, 18.2365



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



26.1022, 25.8538, 43.6594



42.7657, 41.4991, 78.3930



27.9965, 25.7995, 43.5491



7.6529, 7.9051, 10.0752



5.7562, 2.6463, 29.2519



0.1838, 0.1210, 0.8216

Inverse Universe

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



30.2229, 27.3082, 27.3460



51.5898, 44.7230, 43.4347



33.5204, 39.2687, 27.6436



8.0426, 8.0303, 8.5351



12.7691, 6.5702, 1.1636



0.3672, 0.1876, 0.0953

Previews

White Background



This preview shows how the XYZ color 26.1014, 25.8528, 43.6588 looks on a white background.

Color Contrast Check

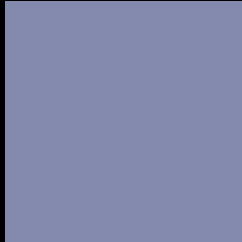
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1014, 25.8528, 43.6588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

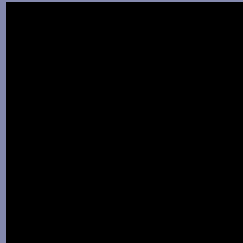
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.1014, 25.8528, 43.6588

Background



This preview shows how black text looks on a background with the XYZ color 26.1014, 25.8528, 43.6588.



This preview shows how white text looks on a background with the XYZ color 26.1014, 25.8528,

43.6588.

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

26.1014, 25.8528, 43.6588

Protanopia

25.9344, 25.9788, 43.6919

Deuteranopia

26.2757, 25.7326, 43.6264



Tritanopia

24.0945, 25.9059, 33.4362

Trichromacy



Original Color

26.1014, 25.8528, 43.6588

Protanomaly

26.0885, 26.0582, 43.6991

Deuteranomaly

26.1170, 25.6509, 43.6190

Tritanomaly

24.7765, 25.9614, 36.9629

Monochromacy



Original Color

26.1014, 25.8528, 43.6588

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.2166, 26.0506, 33.4050

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1014, 25.8528, 43.6588 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(132, 137, 174)` looks like.

```
.text, #text, p{  
    color:rgb(132, 137, 174)  
}
```

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(132, 137, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 137, 174) }
```

Border

The CSS property to change the border of an element to XYZ 26.1014, 25.8528, 43.6588 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(132, 137, 174) }
```


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

```
.border{ border-color:rgb(132, 137, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 137, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 137, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 137, 174);  
box-shadow:4px 4px 4px 4px rgb(132, 137,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1014, 25.8528, 43.6588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 137, 174) }
```

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

```
.background{ background-color: rgb(132,  
137, 174) }
```

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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