

Converting Colors

XYZ(26.4269, 25.9700, 42.6896)

Have a look what the booklet for
XYZ(26.4269, 25.9700, 42.6896)
contains.

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Color

**XYZ(26.5454, 26.1041,
42.6692)**

Conversions

Conversions Part 1

Format	Color
Hex	8889AC
RGB	136, 137, 172
RGB Percent	53%, 54%, 67%
CMY	0.4667, 0.4627, 0.3255
CMYK	0.21, 0.20, 0.00, 0.33
HSL	238°, 18%, 60%
HSV	238°, 21%, 67%
XYZ	26.5454, 26.1041, 42.6692
YIQ	140.6910, -11.8310, 10.6730

Conversions

Conversions Part 2

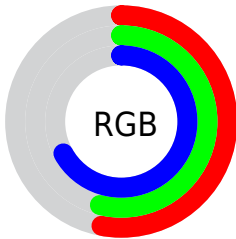
Format	Color
R_{YB}	136, 137, 172
Decimal	8948140
CIE _{Lab}	58.14, 7.28, -18.54
CIE _{LCh}	58, 19.915, 291.436
Yxy	26.1041, 0.2785, 0.2739
Android (android.graphics.Color)	4287138220 (0xFF8889AC)
YUV	140.6910, 15.4353, -4.1140
Hunter-Lab	51.0922, 3.3300, -13.7510

Details

The XYZ color **26.5454, 26.1041, 42.6692** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **36.0204, 39.6742, 29.0527**, and the grayscale version is **25.1420, 26.4514, 28.8056**.

A 20% lighter version of the original color is **53.5138, 53.3201, 80.1444**, and **10.6361, 10.1509, 19.1680** is the 20% darker color. If you saturate the color by 10%, you get **21.7774, 20.3872, 41.8175**, and if you desaturate by 10%, it is **32.1318, 32.7910, 43.6659**.

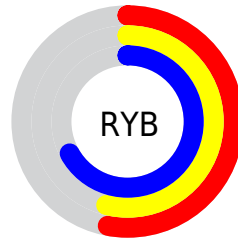
Distribution



Red (53%)

Green (54%)

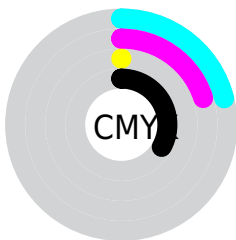
Blue (67%)



Red (53%)

Yellow (54%)

Blue (67%)

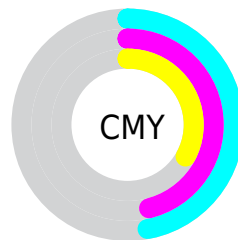


Cyan (21%)

Magenta (20%)

Yellow (0%)

Black (33%)



Cyan (47%)

Magenta (46%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5454, 26.1041, 42.6692 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 26.5454, 26.1041, 42.6692 by changing the saturation by 10% instead.

■ 26.5454, 26.1041,
42.6692

■ 26.5454, 26.1041,
42.6692

277.6571,
283.2927, 373.1307

■ 17.3669, 16.9015,
29.2962

■ 53.5786, 53.4428,
80.4924

■ 10.5934, 10.1643,
19.0575

■ 72.1640, 72.3478,
105.7797

■ 5.8594, 5.5080,
11.5346

■ 94.6157, 95.2557,
135.8755

■ 2.7996, 2.5483,
6.3089

121.2992,
122.5509, 171.1983

■ 1.0487, 0.9008,
2.9620

152.5797,
154.6178, 212.1667

■ 0.0000, 0.0000,
1.0753

188.8226,

■ 0.0000, 0.0000,

191.8408, 259.1992

0.0000

230.3933,
234.6043, 312.7144

■ 26.5454, 26.1041,
42.6692

■ 26.5454, 26.1041,
42.6692

■ 21.7774, 20.3872,
41.8175

■ 32.1318, 32.7910,
43.6659

■ 17.7870, 15.5923,
41.1023

■ 38.5697, 40.4867,
44.8120

■ 14.5337, 11.6721,
40.5171

■ 45.8937, 49.2317,
46.1139

■ 11.9725, 8.5738,
40.0540

■ 54.1356, 59.0633,
47.5772

■ 10.0531, 6.2390,
39.7045

■ 63.3256, 70.0169,
49.2071

■ 8.7187, 4.6015,
39.4588

■ 73.4925, 82.1266,
51.0087

■ 7.9027, 3.5838,
39.3054

■ 84.1460, 95.1577,
52.9624

■ 7.4984, 3.0824,
39.2299

■ 84.4465, 95.7586,
53.0626

Harmonies

Analogous

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



24.1268, 26.1041, 43.6879



26.5454, 26.1041, 42.6692



28.6179, 26.1041, 37.5351

Triad

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



26.5454, 26.1041, 42.6692



27.8167, 26.1041, 19.2492



20.5010, 26.1041, 26.4902

Complementary

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



26.5454, 26.1041, 42.6692



36.0204, 39.6742, 29.0527

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.



21.3579, 26.1041, 20.9195



26.5454, 26.1041, 42.6692



25.5083, 26.1041, 17.2059

Square

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



26.5454, 26.1041, 42.6692



29.3844, 26.1041, 23.8388



23.1542, 26.1041, 17.7635



20.7389, 26.1041, 33.5599

Rectangle

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



26.5454, 26.1041, 42.6692



29.4735, 26.1041, 32.8656



23.1542, 26.1041, 17.7635



20.6684, 26.1041, 24.3998

Sweetspot

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



26.5462, 26.1052, 42.6698



63.7260, 65.9859, 80.1836



32.2381, 37.6724, 44.0010



13.6923, 14.1528, 17.3978



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.



26.5462, 26.1052, 42.6698



44.0697, 42.4583, 76.6783



29.3503, 27.3405, 42.7604



7.5961, 7.7916, 10.0563



5.5867, 2.3073, 29.1954



0.1611, 0.0755, 0.8141

Inverse Universe

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



30.3334, 28.1859, 27.5097



52.1651, 46.9244, 44.2686



32.7530, 38.2715, 28.9542



8.0139, 8.0188, 8.3842



12.6836, 6.5360, 0.7132



0.3557, 0.1830, 0.0349

Previews

White Background



This preview shows how the XYZ color 26.5454, 26.1041, 42.6692 looks on a white background.

Color Contrast Check

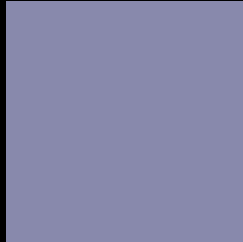
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5454, 26.1041, 42.6692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

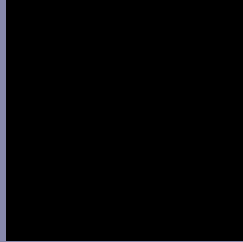
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.5454, 26.1041, 42.6692

Background



This preview shows how black text looks on a background with the XYZ color 26.5454, 26.1041, 42.6692.



This preview shows how white text looks on a background with the XYZ color 26.5454, 26.1041,

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

26.5454, 26.1041, 42.6692

Protanopia

25.9914, 26.0194, 43.1875

Deuteranopia

26.7086, 26.1882, 42.6769



Tritanopia

24.7081, 26.2223, 33.4649

Trichromacy



Original Color

26.5454, 26.1041, 42.6692

Protanomaly

26.3042, 26.1806, 43.2022

Deuteranomaly

26.7086, 26.1882, 42.6769

Tritanomaly

25.3090, 26.2459, 36.5329

Monochromacy



Original Color

26.5454, 26.1041, 42.6692

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.6930, 26.5121, 33.4689

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5454, 26.1041, 42.6692 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, 137, 172)` looks like.

```
.text, #text, p{  
    color:rgb(136, 137, 172)  
}
```

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, 137, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 137, 172) }
```

Border

The CSS property to change the border of an element to XYZ 26.5454, 26.1041, 42.6692 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, 137, 172) }
```


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

```
.border{ border-color:rgb(136, 137, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 137, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 137, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 137, 172);  
box-shadow:4px 4px 4px 4px rgb(136, 137,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5454, 26.1041, 42.6692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 137, 172) }
```

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

```
.background{ background-color: rgb(136,  
137, 172) }
```

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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