

Converting Colors

XYZ(26.7409, 26.3372, 46.3220)

Have a look what the booklet for
XYZ(26.7409, 26.3372, 46.3220)
contains.

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Color

**XYZ(26.7409, 26.3372,
46.3220)**

Conversions

Conversions Part 1

Format	Color
Hex	848AB3
RGB	132, 138, 179
RGB Percent	52%, 54%, 70%
CMY	0.4823, 0.4588, 0.2980
CMYK	0.26, 0.23, 0.00, 0.30
HSL	232°, 24%, 61%
HSV	232°, 26%, 70%
XYZ	26.7409, 26.3372, 46.3220
YIQ	140.8800, -16.7370, 11.4790

Conversions

Conversions Part 2

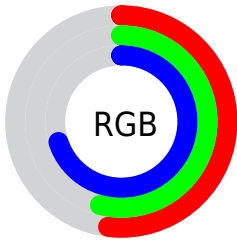
Format	Color
RYB	132, 137, 179
Decimal	8686259
CIELab	58.36, 7.13, -22.22
CIELCh	58, 23.336, 287.791
Yxy	26.3372, 0.2690, 0.2650
Android (android.graphics.Color)	4286876339 (0xFF848AB3)
YUV	140.8800, 18.7932, -7.7878
Hunter-Lab	51.3198, 3.2003, -17.5922

Details

The XYZ color **26.7409, 26.3372, 46.3220** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **37.6992, 41.1370, 27.7839**, and the grayscale version is **25.2046, 26.5172, 28.8772**.

A 20% lighter version of the original color is **53.8759, 53.6989, 86.1226**, and **10.6490, 10.2351, 21.1530** is the 20% darker color. If you saturate the color by 10%, you get **22.0968, 20.8536, 45.5088**, and if you desaturate by 10%, it is **32.1891, 32.7147, 47.2663**.

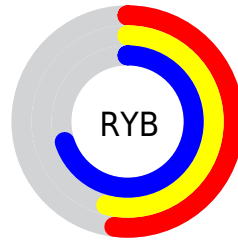
Distribution



Red (52%)

Green (54%)

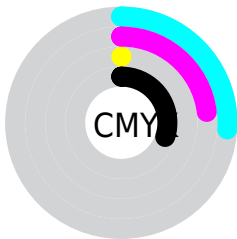
Blue (70%)



Red (52%)

Yellow (54%)

Blue (70%)

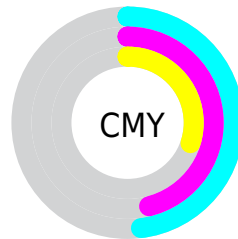


Cyan (26%)

Magenta (23%)

Yellow (0%)

Black (30%)



Cyan (48%)

Magenta (46%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7409, 26.3372, 46.3220 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 26.7409, 26.3372, 46.3220 by changing the saturation by 10% instead.

■ 26.7409, 26.3372,
46.3220

■ 26.7409, 26.3372,
46.3220

278.5909,
284.4335, 388.4168

■ 17.5143, 17.0761,
32.1495

■ 53.8906, 53.8184,
86.0400

■ 10.6994, 10.2887,
21.2099

■ 72.5445, 72.8073,
112.4227

■ 5.9309, 5.5908,
13.0848

■ 95.0715, 95.8076,
143.7124

■ 2.8434, 2.5979,
7.3556

121.8370,
123.2037, 180.3278

■ 1.0715, 0.9256,
3.6036

153.2063,
155.3799, 222.6874

■ 0.0010, 0.0000,
1.4105

189.5448,

■ 0.0000, 0.0000,

192.7206, 271.2098

0.1499

231.2179,
235.6104, 326.3134

■ 0.0000, 0.0000,
0.0000

■ 26.7409, 26.3372,
46.3220

■ 26.7409, 26.3372,
46.3220

■ 22.0968, 20.8536,
45.5088

■ 32.1891, 32.7147,
47.2663

■ 18.2161, 16.2208,
44.8191

■ 38.4744, 40.0203,
48.3451

■ 15.0582, 12.3966,
44.2474

■ 45.6312, 48.2905,
49.5642

■ 12.5778, 9.3343,
43.7870

■ 53.6911, 57.5586,
50.9284

■ 10.7245, 6.9820,
43.4307

■ 62.6842, 67.8566,
52.4421

■ 9.4404, 5.2813,
43.1701

■ 72.6391, 79.2148,
54.1098

■ 8.6527, 4.1621,
42.9956

■ 82.7310, 91.2231,
55.8957

■ 8.4403, 3.8617,
42.9488

■ 85.1368, 96.0347,
56.6976

Harmonies

Analogous

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



23.8940, 26.3372, 46.8675



26.7409, 26.3372, 46.3220



29.3053, 26.3372, 40.5371

Triad

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



26.7409, 26.3372, 46.3220



28.8891, 26.3372, 18.5709



20.0596, 26.3372, 25.4907

Complementary

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



26.7409, 26.3372, 46.3220



37.6992, 41.1370, 27.7839

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.



21.1970, 26.3372, 19.3898



26.7409, 26.3372, 46.3220



26.2070, 26.3372, 15.9323

Square

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



26.7409, 26.3372, 46.3220



30.6087, 26.3372, 24.1531



23.3989, 26.3372, 16.2006



20.1787, 26.3372, 33.7327

Rectangle

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



26.7409, 26.3372, 46.3220



30.4441, 26.3372, 35.0128



23.3989, 26.3372, 16.2006



20.3039, 26.3372, 23.1552

Sweetspot

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



26.7418, 26.3383, 46.3226



66.6734, 69.0861, 86.2021



33.1535, 40.1531, 45.4035



14.3862, 14.8588, 19.0321



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.



26.7418, 26.3383, 46.3226



42.5018, 40.8156, 82.0193



28.8257, 26.1695, 46.1802



8.1265, 8.3993, 10.6992



5.9918, 2.7840, 30.3585



0.2163, 0.1430, 0.9644

Inverse Universe

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



31.4298, 27.9220, 27.7789



52.4872, 44.3479, 42.4863



35.1385, 41.5636, 28.0012



8.5391, 8.5223, 9.0711



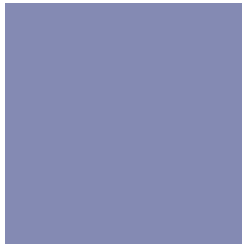
13.2590, 6.8212, 1.2581



0.4312, 0.2202, 0.1133

Previews

White Background



This preview shows how the XYZ color 26.7409, 26.3372, 46.3220 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 26.7409, 26.3372, 46.3220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

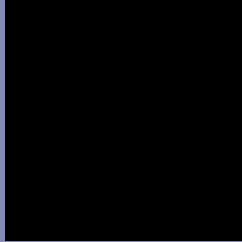
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.7409, 26.3372, 46.3220

Background



This preview shows how black text looks on a background with the XYZ color 26.7409, 26.3372, 46.3220.



This preview shows how white text looks on a background with the XYZ color 26.7409, 26.3372,

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

26.7409, 26.3372, 46.3220

Protanopia

26.5752, 26.4657, 46.3556

Deuteranopia

26.8980, 26.4182, 46.3294



Tritanopia

24.4076, 26.4900, 34.3985

Trichromacy



Original Color

26.7409, 26.3372, 46.3220

Protanomaly

26.7294, 26.5452, 46.3628

Deuteranomaly

26.8980, 26.4182, 46.3294

Tritanomaly

25.1890, 26.3612, 38.4110

Monochromacy



Original Color

26.7409, 26.3372, 46.3220

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.7757, 26.5260, 34.7718

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7409, 26.3372, 46.3220 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, 138, 179)` looks like.

```
.text, #text, p{  
    color:rgb(132, 138, 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(132, 138, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 138, 179) }
```

Border

The CSS property to change the border of an element to XYZ 26.7409, 26.3372, 46.3220 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, 138, 179) }
```


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

```
.border{ border-color:rgb(132, 138, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 138, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 138, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 138, 179);  
box-shadow:4px 4px 4px 4px rgb(132, 138,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7409, 26.3372, 46.3220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 138, 179) }
```

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

```
.background{ background-color: rgb(132,  
138, 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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