

Converting Colors

XYZ(26.7145, 26.7615, 48.1905)

Have a look what the booklet for
XYZ(26.7145, 26.7615, 48.1905)
contains.

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Color

**XYZ(26.7237, 26.7228,
48.0055)**

Conversions

Conversions Part 1

Format	Color
Hex	808CB6
RGB	128, 140, 182
RGB Percent	50%, 55%, 71%
CMY	0.4980, 0.4510, 0.2863
CMYK	0.30, 0.23, 0.00, 0.29
HSL	227°, 27%, 61%
HSV	227°, 30%, 71%
XYZ	26.7237, 26.7228, 48.0055
YIQ	141.2000, -20.6340, 10.5180

Conversions

Conversions Part 2

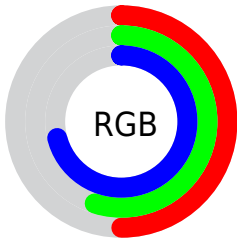
Format	Color
RYB	128, 138, 182
Decimal	8424630
CIELab	58.72, 5.50, -23.40
CIELCh	59, 24.037, 283.236
Yxy	26.7228, 0.2634, 0.2634
Android (android.graphics.Color)	4286614710 (0xFF808CB6)
YUV	141.2000, 20.1144, -11.5764
Hunter-Lab	51.6941, 1.8124, -18.8735

Details

The XYZ color **26.7237, 26.7228, 48.0055** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **37.5629, 40.2534, 26.2129**, and the grayscale version is **25.3260, 26.6449, 29.0163**.

A 20% lighter version of the original color is **53.7940, 54.2581, 88.5265**, and **10.6792, 10.4751, 22.2279** is the 20% darker color. If you saturate the color by 10%, you get **22.2908, 21.5625, 47.2436**, and if you desaturate by 10%, it is **31.9155, 32.6705, 48.8803**.

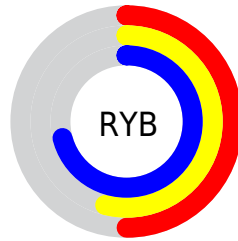
Distribution



Red (50%)

Green (55%)

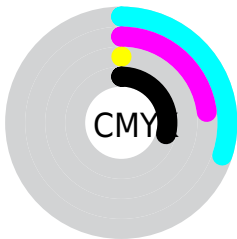
Blue (71%)



Red (50%)

Yellow (54%)

Blue (71%)

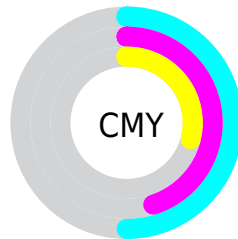


Cyan (30%)

Magenta (23%)

Yellow (0%)

Black (29%)



Cyan (50%)

Magenta (45%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7237, 26.7228, 48.0055 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 26.7237, 26.7228, 48.0055 by changing the saturation by 10% instead.

■ 26.7237, 26.7228,
48.0055

■ 26.7237, 26.7228,
48.0055

278.5088,
286.3125, 395.3233

■ 17.5013, 17.3651,
33.4712

■ 53.8632, 54.4387,
88.5782

■ 10.6901, 10.4952,
22.2136

■ 72.5110, 73.5658,
115.4538

■ 5.9246, 5.7285,
13.8141

■ 95.0314, 96.7181,
147.2801

■ 2.8395, 2.6807,
7.8542

121.7897,
124.2801, 184.4758

■ 1.0695, 0.9674,
3.9154

153.1512,
156.6361, 227.4595

■ 0.0000, 0.0000,
1.5790

189.4813,

■ 0.0000, 0.0000,

194.1706, 276.6496

0.2758

231.1454,
237.2679, 332.4647

■ 0.0000, 0.0000,
0.0000

■ 26.7237, 26.7228,
48.0055

■ 26.7237, 26.7228,
48.0055

■ 22.2908, 21.5625,
47.2436

■ 31.9155, 32.6705,
48.8803

■ 18.5779, 17.1528,
46.5881

■ 37.8973, 39.4341,
49.8706

■ 15.5463, 13.4586,
46.0348

■ 44.7019, 47.0444,
50.9809

■ 13.1528, 10.4404,
45.5784

■ 52.3591, 55.5298,
52.2151

■ 11.3487, 8.0549,
45.2130

■ 60.8975, 64.9172,
53.5771

■ 10.0778, 6.2530,
44.9322

■ 70.3442, 75.2323,
55.0702

■ 9.2411, 4.9613,
44.7270

■ 80.5766, 86.4235,
56.6910

■ 9.2175, 4.9253,
44.7213

■ 84.8866, 95.0434,
58.1276

■ 85.4436, 96.1574,
58.3133

Harmonies

Analogous

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



23.7939, 26.7228, 47.6440



26.7237, 26.7228, 48.0055



29.4975, 26.7228, 42.6488

Triad

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



26.7237, 26.7228, 48.0055



29.7719, 26.7228, 19.3049



20.3337, 26.7228, 24.6470

Complementary

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



26.7237, 26.7228, 48.0055



37.5629, 40.2534, 26.2129

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.



21.6993, 26.7228, 18.7705



26.7237, 26.7228, 48.0055



27.0751, 26.7228, 16.1217

Square

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



26.7237, 26.7228, 48.0055



31.3472, 26.7228, 25.5245



24.1192, 26.7228, 15.9472



20.2557, 26.7228, 32.9873

Rectangle

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



26.7237, 26.7228, 48.0055



30.8229, 26.7228, 37.0647



24.1192, 26.7228, 15.9472



20.6523, 26.7228, 22.3610

Sweetspot

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



26.7246, 26.7239, 48.0061



69.3075, 72.1681, 90.5127



32.8298, 40.9253, 43.9030



14.9369, 15.5225, 19.9305



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



26.7246, 26.7239, 48.0061



42.7306, 41.8081, 86.0534



27.3875, 24.6029, 47.5618



8.6787, 9.0346, 11.3659



6.5511, 3.5619, 31.5953



0.2779, 0.2194, 1.1295

Inverse Universe

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



31.7450, 27.2777, 28.4041



53.4939, 43.3449, 43.9498



36.6883, 43.2960, 26.8462



9.0842, 9.0440, 9.7906



13.9204, 7.1419, 2.2016



0.5144, 0.2612, 0.2023

Previews

White Background



This preview shows how the XYZ color 26.7237, 26.7228, 48.0055 looks on a white background.

Color Contrast Check

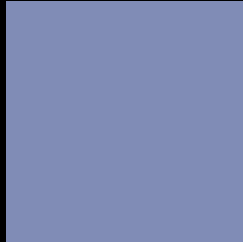
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7237, 26.7228, 48.0055 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 26.7237, 26.7228, 48.0055

Background



This preview shows how black text looks on a background with the XYZ color 26.7237, 26.7228, 48.0055.



This preview shows how white text looks on a background with the XYZ color 26.7237, 26.7228,

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

26.7237, 26.7228, 48.0055

Protanopia

26.8820, 26.5885, 47.9712

Deuteranopia

27.3490, 26.8292, 47.9931



Tritanopia

24.2945, 26.8621, 35.3569

Trichromacy



Original Color

26.7237, 26.7228, 48.0055

Protanomaly

26.7294, 26.5098, 47.9641

Deuteranomaly

27.0362, 26.6679, 47.9784

Tritanomaly

25.0714, 26.7215, 39.4337

Monochromacy



Original Color

26.7237, 26.7228, 48.0055

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.6790, 26.6843, 35.2496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7237, 26.7228, 48.0055 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(128, 140, 182)` looks like.

```
.text, #text, p{  
    color:rgb(128, 140, 182)  
}
```

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(128, 140, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 140, 182) }
```

Border

The CSS property to change the border of an element to XYZ 26.7237, 26.7228, 48.0055 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(128, 140, 182) }
```


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

```
.border{ border-color:rgb(128, 140, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 140, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 140, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 140, 182);  
box-shadow:4px 4px 4px 4px rgb(128, 140,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7237, 26.7228, 48.0055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 140, 182) }
```

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

```
.background{ background-color: rgb(128,  
140, 182) }
```

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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