

Converting Colors

XYZ(26.8329, 30.8259, 45.6101)

Have a look what the booklet for
XYZ(26.8329, 30.8259, 45.6101)
contains.

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Color

**XYZ(26.8329, 30.8259,
45.6101)**

Conversions

Conversions Part 1

Format	Color
Hex	729DB0
RGB	114, 157, 176
RGB Percent	45%, 62%, 69%
CMY	0.5529, 0.3843, 0.3098
CMYK	0.35, 0.11, 0.00, 0.31
HSL	198°, 28%, 57%
HSV	198°, 35%, 69%
XYZ	26.8329, 30.8259, 45.6101
YIQ	146.3090, -31.7270, -3.2070

Conversions

Conversions Part 2

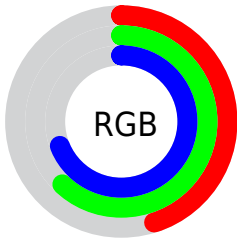
Format	Color
RYB	114, 139, 176
Decimal	7511472
CIELab	62.36, -9.76, -14.54
CIElCh	62, 17.511, 236.142
Yxy	30.8259, 0.2598, 0.2985
Android (android.graphics.Color)	4285701552 (0xFF729DB0)
YUV	146.3090, 14.6377, -28.3350
Hunter-Lab	55.5211, -10.8942, -9.8415

Details

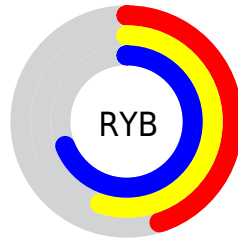
The XYZ color **26.8329, 30.8259, 45.6101** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.3299, 27.2207, 19.6288**, and the grayscale version is **27.4003, 28.8272, 31.3928**.

A 20% lighter version of the original color is **54.2574, 61.2380, 85.3044**, and **10.7791, 12.7949, 20.6404** is the 20% darker color. If you saturate the color by 10%, you get **23.8679, 27.9732, 45.2163**, and if you desaturate by 10%, it is **30.2806, 33.9886, 46.0394**.

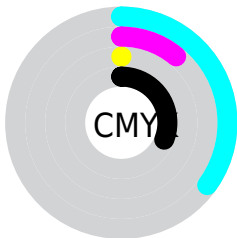
Distribution



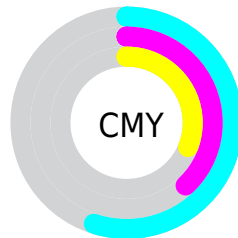
- Red (45%)
- Green (62%)
- Blue (69%)



- Red (45%)
- Yellow (55%)
- Blue (69%)



- Cyan (35%)
- Magenta (11%)
- Yellow (0%)
- Black (31%)



- Cyan (55%)
- Magenta (38%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8329, 30.8259, 45.6101 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 26.8329, 30.8259, 45.6101 by changing the saturation by 10% instead.

■ 26.8329, 30.8259,
45.6101

■ 26.8329, 30.8259,
45.6101

279.0295,
305.7354, 385.4708

■ 17.5837, 20.4663,
31.5918

■ 54.0374, 60.9659,
84.9633

■ 10.7494, 12.7345,
20.7877

■ 72.7234, 81.5150,
111.1353

■ 5.9646, 7.2460,
12.7792

■ 95.2857, 106.2295,
142.1956

■ 2.8640, 3.6164,
7.1477

122.0897,
135.4937, 178.5628

■ 1.0823, 1.4614,
3.4748

153.5007,
169.6920, 220.6553

■ 0.0102, 0.2613,
1.3419

189.8841,

■ 0.0000, 0.0000,

209.2088, 268.8919

0.0958

231.6052,
254.4285, 323.6908

■ 0.0000, 0.0000,
0.0000

■ 26.8329, 30.8259,
45.6101

■ 26.8329, 30.8259,
45.6101

■ 23.8679, 27.9732,
45.2163

■ 30.2806, 33.9886,
46.0394

■ 21.3569, 25.4129,
44.8544

■ 34.2319, 37.4709,
46.5033

■ 19.2723, 23.1307,
44.5238

■ 38.7101, 41.2860,
47.0036

■ 17.5823, 21.1094,
44.2227

■ 43.7358, 45.4454,
47.5416

■ 16.2501, 19.3292,
43.9493

■ 49.3288, 49.9599,
48.1182

■ 15.2302, 17.7658,
43.7013

■ 55.5077, 54.8399,
48.7345

■ 14.8045, 17.0704,
43.5895

■ 62.2902, 60.0952,
49.3914

■ 69.6934, 65.7352,
50.0898

■ 71.0379, 68.3173,
50.5173

Harmonies

Analogous

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



25.3958, 30.8259, 39.6489



26.8329, 30.8259, 45.6101



28.9936, 30.8259, 48.3417

Triad

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



26.8329, 30.8259, 45.6101



34.0849, 30.8259, 34.4499



27.3368, 30.8259, 23.1588

Complementary

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



26.8329, 30.8259, 45.6101



29.3299, 27.2207, 19.6288

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.



29.6068, 30.8259, 22.1543



26.8329, 30.8259, 45.6101



33.5832, 30.8259, 28.1361

Square

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



26.8329, 30.8259, 45.6101



33.2485, 30.8259, 41.3728



31.9119, 30.8259, 23.8512



25.6755, 30.8259, 26.8056

Rectangle

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



26.8329, 30.8259, 45.6101



30.5844, 30.8259, 47.7259



31.9119, 30.8259, 23.8512



28.0503, 30.8259, 22.5240

Sweetspot

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



26.8339, 30.8271, 45.6108



65.2432, 70.6758, 84.6984



26.6716, 36.3112, 27.6496



13.9124, 15.1223, 18.3300



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.



26.8339, 30.8271, 45.6108



44.5487, 51.9719, 82.1789



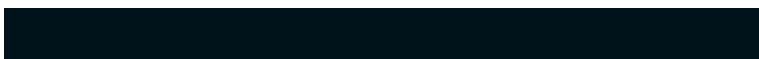
22.2889, 21.7372, 44.0958



8.5185, 9.1833, 10.8299



10.9157, 12.6318, 31.9998



0.3922, 0.4949, 1.0231

Inverse Universe

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



30.0085, 23.7000, 34.8924



51.2964, 37.7140, 59.1966



34.1465, 36.8537, 21.2343



8.7369, 8.6015, 10.1131



15.7444, 7.8153, 14.3458



0.5200, 0.2557, 0.5808

Previews

White Background



This preview shows how the XYZ color 26.8329, 30.8259, 45.6101 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 26.8329, 30.8259, 45.6101 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 ✓ Pass

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

XYZ 26.8329, 30.8259, 45.6101

Background



This preview shows how black text looks on a background with the XYZ color 26.8329, 30.8259, 45.6101.



This preview shows how white text looks on a background with the XYZ color 26.8329, 30.8259,

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

26.8329, 30.8259, 45.6101

Protanopia

30.1308, 30.6382, 42.8538

Deuteranopia

31.2321, 30.6611, 46.3916



Tritanopia

26.3876, 30.9047, 43.1025

Trichromacy



Original Color

26.8329, 30.8259, 45.6101

Protanomaly

28.7627, 30.6245, 43.9303

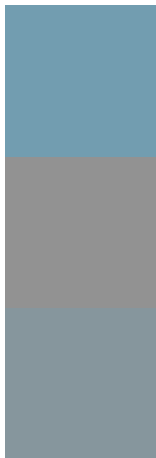
Deuteranomaly

29.4837, 30.7108, 45.9688

Tritanomaly

26.5797, 30.9816, 44.1143

Monochromacy



Original Color

26.8329, 30.8259, 45.6101

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.8237, 29.3153, 36.1430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8329, 30.8259, 45.6101 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(114, 157, 176)` looks like.

```
.text, #text, p{  
    color:rgb(114, 157, 176)  
}
```

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(114, 157, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 157, 176) }
```

Border

The CSS property to change the border of an element to XYZ 26.8329, 30.8259, 45.6101 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(114, 157, 176) }
```


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

```
.border{ border-color:rgb(114, 157, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 157, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 157, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 157, 176);  
box-shadow:4px 4px 4px 4px rgb(114, 157,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8329, 30.8259, 45.6101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 157, 176) }
```

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

```
.background{ background-color: rgb(114,  
157, 176) }
```

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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