

Converting Colors

XYZ(24.9169, 26.3709, 42.9168)

Have a look what the booklet for
XYZ(24.9169, 26.3709, 42.9168)
contains.

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Color

**XYZ(24.8651, 26.3176,
42.7990)**

Conversions

Conversions Part 1

Format	Color
Hex	788EAC
RGB	120, 142, 172
RGB Percent	47%, 56%, 67%
CMY	0.5294, 0.4431, 0.3255
CMYK	0.30, 0.17, 0.00, 0.33
HSL	215°, 24%, 57%
HSV	215°, 30%, 67%
XYZ	24.8651, 26.3176, 42.7990
YIQ	138.8420, -22.7420, 4.6660

Conversions

Conversions Part 2

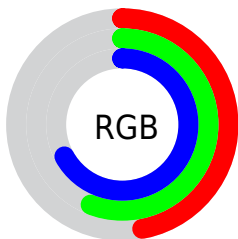
Format	Color
R_{YB}	120, 135, 172
Decimal	7900844
CIE Lab	58.34, -0.64, -18.34
CIE LCh	58, 18.349, 268.009
Yxy	26.3176, 0.2646, 0.2800
Android (android.graphics.Color)	4286090924 (0xFF788EAC)
YUV	138.8420, 16.3469, -16.5244
Hunter-Lab	51.3007, -3.2584, -13.5538

Details

The XYZ color **24.8651, 26.3176, 42.7990** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **31.3102, 31.9397, 22.2848**, and the grayscale version is **24.4259, 25.6979, 27.9851**.

A 20% lighter version of the original color is **50.8386, 53.9101, 80.3993**, and **9.7431, 10.3124, 19.2463** is the 20% darker color. If you saturate the color by 10%, you get **21.2794, 22.3747, 42.2274**, and if you desaturate by 10%, it is **29.0124, 30.7464, 43.4357**.

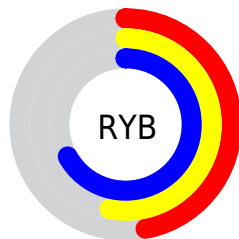
Distribution



Red (47%)

Green (56%)

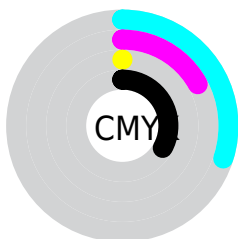
Blue (67%)



Red (47%)

Yellow (53%)

Blue (67%)

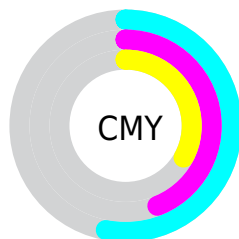


Cyan (30%)

Magenta (17%)

Yellow (0%)

Black (33%)



Cyan (53%)

Magenta (44%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8651, 26.3176, 42.7990 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 24.8651, 26.3176, 42.7990 by changing the saturation by 10% instead.

■ 24.8651, 26.3176,
42.7990

■ 24.8651, 26.3176,
42.7990

269.5255,
284.3377, 373.6814

■ 16.1048, 17.0614,
29.3972

■ 50.8828, 53.7869,
80.6906

■ 9.6896, 10.2783,
19.1333

■ 68.8708, 72.7687,
106.0174

■ 5.2544, 5.5838,
11.5889

■ 90.6655, 95.7612,
136.1563

■ 2.4335, 2.5937,
6.3453

116.6321,
123.1488, 171.5259

■ 0.8619, 0.9235,
2.9840

147.1361,
155.3159, 212.5447

■ 0.0000, 0.0000,
1.0865

182.5427,

■ 0.0000, 0.0000,

192.6468, 259.6311

0.0000

223.2174,
235.5259, 313.2039

■ 24.8651, 26.3176,
42.7990

■ 24.8651, 26.3176,
42.7990

■ 21.2794, 22.3747,
42.2274

■ 29.0124, 30.7464,
43.4357

■ 18.2265, 18.8959,
41.7168

■ 33.7433, 35.6754,
44.1378

■ 15.6786, 15.8622,
41.2655

■ 39.0816, 41.1223,
44.9078

■ 13.6040, 13.2518,
40.8710

■ 45.0491, 47.1028,
45.7476

■ 11.9671, 11.0405,
40.5305

■ 51.6664, 53.6319,
46.6591

■ 10.7267, 9.2011,
40.2408

■ 58.9531, 60.7241,
47.6439

■ 9.8141, 7.7139,
40.0018

■ 66.9279, 68.3930,
48.7039

■ 74.6447, 76.1551,
49.7954

■ 77.3486, 81.5629,
50.6967

Harmonies

Analogous

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



22.8058, 26.3176, 40.4123



24.8651, 26.3176, 42.7990



27.0869, 26.3176, 40.9524

Triad

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



24.8651, 26.3176, 42.7990



29.0031, 26.3176, 23.2556



21.5435, 26.3176, 22.6172

Complementary

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



24.8651, 26.3176, 42.7990



31.3102, 31.9397, 22.2848

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.



23.0498, 26.3176, 19.1052



24.8651, 26.3176, 42.7990



27.3605, 26.3176, 19.4333

Square

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



24.8651, 26.3176, 42.7990



29.5593, 26.3176, 29.0851



25.1637, 26.3176, 18.0315



20.9604, 26.3176, 28.2300

Rectangle

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



24.8651, 26.3176, 42.7990



28.3460, 26.3176, 37.7029



25.1637, 26.3176, 18.0315



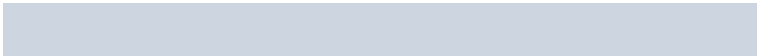
21.9541, 26.3176, 21.1851

Sweetspot

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



24.8659, 26.3186, 42.7996



62.1978, 65.7320, 80.2151



27.9610, 35.6835, 34.0440



13.2353, 13.9950, 17.3914



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.



24.8659, 26.3186, 42.7996



40.8232, 43.0578, 76.9651



22.3988, 20.6577, 41.8370



7.8470, 8.2934, 10.1399



7.3553, 5.8445, 29.7850



0.2595, 0.2725, 0.8469

Inverse Universe

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



28.6129, 24.1573, 28.7470



48.7951, 38.9478, 46.9578



34.4054, 39.2451, 23.5317



8.1406, 8.0695, 9.0511



13.5763, 6.8931, 5.4141



0.4054, 0.2028, 0.2966

Previews

White Background



This preview shows how the XYZ color 24.8651, 26.3176, 42.7990 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 24.8651, 26.3176, 42.7990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

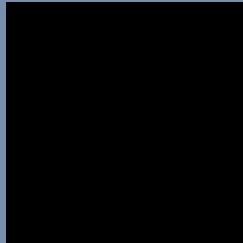
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

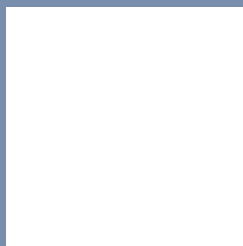
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.8651, 26.3176, 42.7990

Background



This preview shows how black text looks on a background with the XYZ color 24.8651, 26.3176, 42.7990.

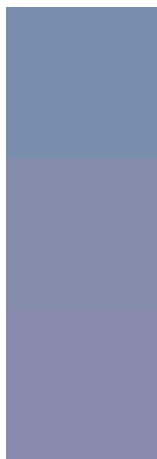


This preview shows how white text looks on a background with the XYZ color 24.8651, 26.3176,

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

24.8651, 26.3176, 42.7990

Protanopia

26.1612, 26.3541, 41.7382

Deuteranopia

26.8050, 26.2268, 43.1847



Tritanopia

23.4623, 26.4330, 35.3180

Trichromacy



Original Color

24.8651, 26.3176, 42.7990

Protanomaly

25.6309, 26.2856, 42.2508

Deuteranomaly

26.1355, 26.3077, 43.2356

Tritanomaly

23.9661, 26.4067, 38.0163

Monochromacy



Original Color

24.8651, 26.3176, 42.7990

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.4797, 25.8961, 32.9864

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8651, 26.3176, 42.7990 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(120, 142, 172)` looks like.

```
.text, #text, p{  
    color:rgb(120, 142, 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(120, 142, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 142, 172) }
```

Border

The CSS property to change the border of an element to XYZ 24.8651, 26.3176, 42.7990 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(120, 142, 172) }
```


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

```
.border{ border-color:rgb(120, 142, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 142, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 142, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 142, 172);  
box-shadow:4px 4px 4px 4px rgb(120, 142,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8651, 26.3176, 42.7990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 142, 172) }
```

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

```
.background{ background-color: rgb(120,  
142, 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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