

Converting Colors

XYZ(26.7304, 28.7680, 44.5226)

Have a look what the booklet for
XYZ(26.7304, 28.7680, 44.5226)
contains.

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Color

**XYZ(26.7975, 28.8751,
44.7185)**

Conversions

Conversions Part 1

Format	Color
Hex	7C95AF
RGB	124, 149, 175
RGB Percent	49%, 58%, 69%
CMY	0.5137, 0.4157, 0.3137
CMYK	0.29, 0.15, 0.00, 0.31
HSL	211°, 24%, 59%
HSV	211°, 29%, 69%
XYZ	26.7975, 28.8751, 44.7185
YIQ	144.4890, -23.2460, 2.7860

Conversions

Conversions Part 2

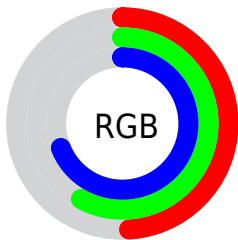
Format	Color
RYB	124, 141, 175
Decimal	8164783
CIELab	60.67, -2.62, -16.47
CIELCh	61, 16.679, 260.965
Yxy	28.8751, 0.2669, 0.2876
Android (android.graphics.Color)	4286354863 (0xFF7C95AF)
YUV	144.4890, 15.0419, -17.9689
Hunter-Lab	53.7356, -5.0207, -11.7260

Details

The XYZ color **26.7975, 28.8751, 44.7185** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **32.2241, 32.3823, 23.6216**, and the grayscale version is **26.6551, 28.0432, 30.5391**.

A 20% lighter version of the original color is **54.1398, 57.9464, 83.9326**, and **10.6905, 11.5819, 20.4110** is the 20% darker color. If you saturate the color by 10%, you get **23.1317, 24.9702, 44.1585**, and if you desaturate by 10%, it is **31.0221, 33.2299, 45.3369**.

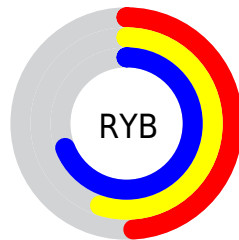
Distribution



Red (49%)

Green (58%)

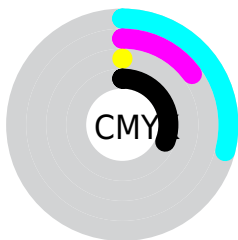
Blue (69%)



Red (49%)

Yellow (55%)

Blue (69%)

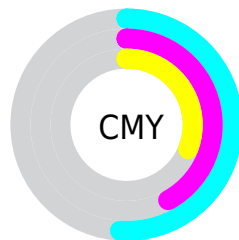


Cyan (29%)

Magenta (15%)

Yellow (0%)

Black (31%)



Cyan (51%)

Magenta (42%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7975, 28.8751, 44.7185 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 26.7975, 28.8751, 44.7185 by changing the saturation by 10% instead.

■ 26.7975, 28.8751,
44.7185

■ 26.7975, 28.8751,
44.7185

278.8608,
296.6252, 381.7591

■ 17.5570, 18.9864,
30.8944

■ 53.9809, 57.8786,
83.6118

■ 10.7302, 11.6604,
20.2607

■ 72.6546, 77.7621,
109.5181

■ 5.9516, 6.5129,
12.3987

■ 95.2033, 101.7460,
140.2889

■ 2.8561, 3.1594,
6.8900

121.9925,
130.2147, 176.3427

■ 1.0781, 1.2155,
3.3160

153.3875,
163.5526, 218.0981

■ 0.0067, 0.0743,
1.2582

189.7536,

■ 0.0000, 0.0000,

202.1440, 265.9736

0.0271

231.4563,
246.3734, 320.3878

■ 0.0000, 0.0000,
0.0000

■ 26.7975, 28.8751,
44.7185

■ 26.7975, 28.8751,
44.7185

■ 23.1317, 24.9702,
44.1585

■ 31.0221, 33.2299,
45.3369

■ 19.9959, 21.4948,
43.6529

■ 35.8270, 38.0472,
46.0135

■ 17.3624, 18.4317,
43.2005

■ 41.2360, 43.3432,
46.7506

■ 15.2000, 15.7608,
42.7989

■ 47.2706, 49.1324,
47.5500

■ 13.4735, 13.4600,
42.4458

■ 53.9512, 55.4283,
48.4131

■ 12.1417, 11.5040,
42.1385

■ 61.2972, 62.2441,
49.3415

■ 11.1290, 9.8493,
41.8725

■ 69.3274, 69.5924,
50.3366

■ 11.0489, 9.7170,
41.8512

■ 74.6691, 75.7375,
51.2412

■ 77.0787, 80.5567,
52.0444

Harmonies

Analogous

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



24.9102, 28.8751, 41.6196



26.7975, 28.8751, 44.7185



28.9587, 28.8751, 43.9138

Triad

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



26.7975, 28.8751, 44.7185



31.5110, 28.8751, 27.3714



24.3421, 28.8751, 24.5248

Complementary

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



26.7975, 28.8751, 44.7185



32.2241, 32.3823, 23.6216

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.



25.9848, 28.8751, 21.5851



26.7975, 28.8751, 44.7185



30.1460, 28.8751, 23.0725

Square

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



26.7975, 28.8751, 44.7185



31.7567, 28.8751, 33.3463



28.1027, 28.8751, 21.0907



23.5422, 28.8751, 29.6079

Rectangle

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



26.7975, 28.8751, 44.7185



30.2603, 28.8751, 41.3099



28.1027, 28.8751, 21.0907



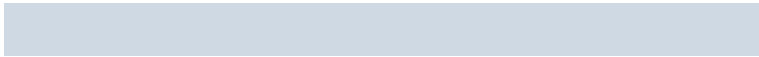
24.8098, 28.8751, 23.2827

Sweetspot

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



26.7984, 28.8762, 44.7192



64.1515, 68.1279, 82.4057



29.1077, 37.1316, 34.2772



13.9700, 14.8560, 18.2755



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.



26.7984, 28.8762, 44.7192



43.6391, 47.1048, 79.4290



23.2585, 21.7964, 43.5392



7.8909, 8.3811, 10.1545



7.9737, 7.0812, 29.9911



0.2767, 0.3068, 0.8526

Inverse Universe

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



30.3124, 25.7000, 31.7979



51.0887, 40.9161, 51.9142



36.6478, 41.2297, 25.0962



8.1627, 8.0783, 9.1677



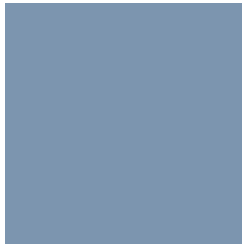
13.8884, 7.0179, 7.0576



0.4141, 0.2063, 0.3423

Previews

White Background



This preview shows how the XYZ color 26.7975, 28.8751, 44.7185 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 26.7975, 28.8751, 44.7185 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

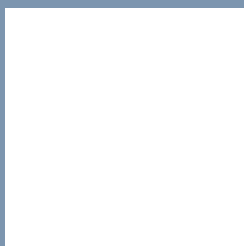
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.7975, 28.8751, 44.7185

Background



This preview shows how black text looks on a background with the XYZ color 26.7975, 28.8751, 44.7185.



This preview shows how white text looks on a background with the XYZ color 26.7975, 28.8751,

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

26.7975, 28.8751, 44.7185

Protanopia

28.5563, 28.8921, 43.1014

Deuteranopia

29.3360, 28.7993, 45.0869



Tritanopia

25.5626, 28.8425, 38.8702

Trichromacy



Original Color

26.7975, 28.8751, 44.7185

Protanomaly

27.8134, 28.7258, 43.6139

Deuteranomaly

28.2784, 28.7038, 45.1242

Tritanomaly

25.9074, 28.7403, 40.7412

Monochromacy



Original Color

26.7975, 28.8751, 44.7185

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.5118, 28.2427, 35.0644

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7975, 28.8751, 44.7185 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(124, 149, 175)` looks like.

```
.text, #text, p{  
    color:rgb(124, 149, 175)  
}
```

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(124, 149, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 149, 175) }
```

Border

The CSS property to change the border of an element to XYZ 26.7975, 28.8751, 44.7185 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(124, 149, 175) }
```


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

```
.border{ border-color:rgb(124, 149, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 149, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 149, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 149, 175);  
box-shadow:4px 4px 4px 4px rgb(124, 149,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7975, 28.8751, 44.7185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 149, 175) }
```

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

```
.background{ background-color: rgb(124,  
149, 175) }
```

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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