

Converting Colors

XYZ(24.4782, 29.5592, 30.9600)

Have a look what the booklet for
XYZ(24.4782, 29.5592, 30.9600)
contains.

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Color

**XYZ(24.5303, 29.7125,
30.8278)**

Conversions

Conversions Part 1

Format	Color
Hex	779C90
RGB	119, 156, 144
RGB Percent	47%, 61%, 56%
CMY	0.5333, 0.3882, 0.4353
CMYK	0.24, 0.00, 0.08, 0.39
HSL	161°, 16%, 54%
HSV	161°, 24%, 61%
XYZ	24.5303, 29.7125, 30.8278
YIQ	143.5690, -18.2000, -11.5760

Conversions

Conversions Part 2

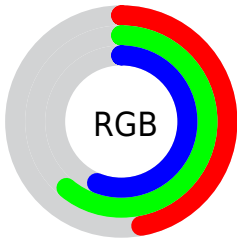
Format	Color
R_{YB}	119, 141, 156
Decimal	7838864
CIE _{Lab}	61.41, -15.30, 2.13
CIE _{LCh}	61, 15.451, 172.078
Yxy	29.7125, 0.2884, 0.3493
Android (android.graphics.Color)	4286028944 (0xFF779C90)
YUV	143.5690, 0.2125, -21.5470
Hunter-Lab	54.5092, -15.0622, 4.6248

Details

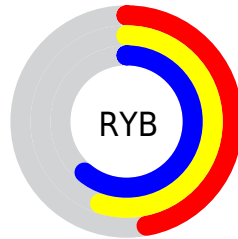
The XYZ color **24.5303, 29.7125, 30.8278** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.4049, 21.9011, 24.4151**, and the grayscale version is **26.3411, 27.7129, 30.1794**.

A 20% lighter version of the original color is **50.5006, 59.4364, 62.2368**, and **9.5262, 12.1765, 12.4379** is the 20% darker color. If you saturate the color by 10%, you get **22.1846, 28.5477, 28.7446**, and if you desaturate by 10%, it is **27.2465, 31.0678, 33.0202**.

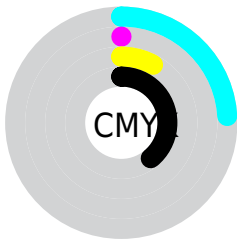
Distribution



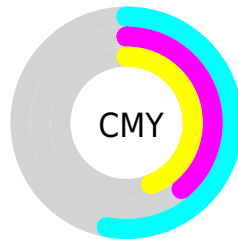
- Red (47%)
- Green (61%)
- Blue (56%)



- Red (47%)
- Yellow (55%)
- Blue (61%)



- Cyan (24%)
- Magenta (0%)
- Yellow (8%)
- Black (39%)



- Cyan (53%)
- Magenta (39%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5303, 29.7125, 30.8278 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 24.5303, 29.7125, 30.8278 by changing the saturation by 10% instead.

■ 24.5303, 29.7125,
30.8278

■ 24.5303, 29.7125,
30.8278

267.8816,
300.5620, 320.0708

■ 15.8543, 19.6205,
20.2104

■ 50.3426, 59.2072,
62.0453

■ 9.5113, 12.1195,
12.3625

■ 68.2096, 79.3787,
83.4824

■ 5.1359, 6.8251,
6.8655

■ 89.8711, 103.6788,
109.3632

■ 2.3628, 3.3530,
3.3010

115.6923,
132.4919, 140.1061

■ 0.8265, 1.3187,
1.2503

146.0386,
166.2023, 176.1299

■ 0.0000, 0.1556,
0.0205

181.2753,

■ 0.0000, 0.0000,

205.1946, 217.8528

0.0000

221.7679,
249.8530, 265.6936

■ 24.5303, 29.7125,
30.8278

■ 24.5303, 29.7125,
30.8278

■ 22.1846, 28.5477,
28.7446

■ 27.2465, 31.0678,
33.0202

■ 20.1895, 27.5609,
26.7664

■ 30.3468, 32.6184,
35.3215

■ 18.5270, 26.7437,
24.8920

■ 33.8474, 34.3732,
37.7344

■ 17.1766, 26.0854,
23.1192

■ 37.7624, 36.3396,
40.2606

■ 16.1153, 25.5741,
21.4455

■ 42.1057, 38.5247,
42.9018

■ 15.3167, 25.1965,
19.8686

■ 46.8901, 40.9351,
45.6597

■ 14.7494, 24.9363,
18.3856

■ 52.1282, 43.5772,
48.5360

■ 14.4595, 24.8062,
17.4990

■ 57.8318, 46.4571,
51.5322

■ 62.3734, 48.7358,
54.5731

Harmonies

Analogous

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



25.2575, 29.7125, 25.9257



24.5303, 29.7125, 30.8278



24.7588, 29.7125, 36.7619

Triad

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



24.5303, 29.7125, 30.8278



29.7414, 29.7125, 43.9216



30.7214, 29.7125, 24.2727

Complementary

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



24.5303, 29.7125, 30.8278



24.4049, 21.9011, 24.4151

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.



32.0349, 29.7125, 28.3095



24.5303, 29.7125, 30.8278



31.4503, 29.7125, 39.7607

Square

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



24.5303, 29.7125, 30.8278



27.7035, 29.7125, 44.8062



32.3079, 29.7125, 33.9253



28.7850, 29.7125, 22.4499

Rectangle

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



24.5303, 29.7125, 30.8278



25.4276, 29.7125, 40.4814



32.3079, 29.7125, 33.9253



31.2542, 29.7125, 25.3908

Sweetspot

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



24.5311, 29.7137, 30.8285



53.1098, 58.2375, 62.6990



24.6310, 29.9621, 21.9384



11.6201, 12.7816, 13.7478



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



24.5311, 29.7137, 30.8285



42.4109, 52.9005, 54.1363



24.4893, 28.0830, 35.5837



6.7302, 7.4729, 8.0141



11.9260, 20.4383, 14.4992



0.2317, 0.3728, 0.3566

Inverse Universe

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



24.4049, 21.9011, 24.4151



42.1456, 36.3990, 40.5965



24.3958, 23.1102, 20.6282



6.7173, 6.6799, 7.3626



11.7926, 6.0216, 3.1586



0.2291, 0.1150, 0.1526

Previews

White Background



This preview shows how the XYZ color 24.5303, 29.7125, 30.8278 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 24.5303, 29.7125, 30.8278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

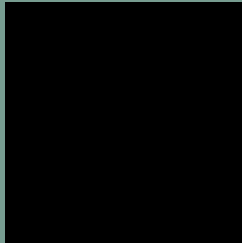
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

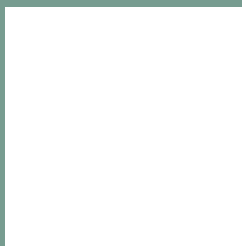
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.5303, 29.7125, 30.8278

Background



This preview shows how black text looks on a background with the XYZ color 24.5303, 29.7125, 30.8278.

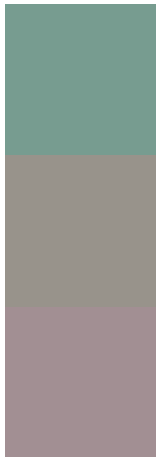


This preview shows how white text looks on a background with the XYZ color 24.5303, 29.7125,

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

24.5303, 29.7125, 30.8278

Protanopia

28.0428, 29.4069, 28.6242

Deuteranopia

29.9892, 29.4329, 31.7043



Tritanopia

26.3511, 29.7100, 39.9431

Trichromacy



Original Color

24.5303, 29.7125, 30.8278

Protanomaly

26.5293, 29.3112, 29.4587

Deuteranomaly

27.6323, 29.3661, 31.4060

Tritanomaly

25.6674, 29.6831, 36.2749

Monochromacy



Original Color

24.5303, 29.7125, 30.8278

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.6156, 28.3443, 30.5065

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5303, 29.7125, 30.8278 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(119, 156, 144)` looks like.

```
.text, #text, p{  
    color:rgb(119, 156, 144)  
}
```

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(119, 156, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 156, 144) }
```

Border

The CSS property to change the border of an element to XYZ 24.5303, 29.7125, 30.8278 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(119, 156, 144) }
```


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

```
.border{ border-color:rgb(119, 156, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 156, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 156, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 156, 144);  
box-shadow:4px 4px 4px 4px rgb(119, 156,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5303, 29.7125, 30.8278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 156, 144) }
```

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

```
.background{ background-color: rgb(119,  
156, 144) }
```

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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