

Converting Colors

XYZ(24.8306, 29.9177, 30.7763)

Have a look what the booklet for
XYZ(24.8306, 29.9177, 30.7763)
contains.

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Color

**XYZ(24.8077, 29.8555,
30.8407)**

Conversions

Conversions Part 1

Format	Color
Hex	799C90
RGB	121, 156, 144
RGB Percent	47%, 61%, 56%
CMY	0.5255, 0.3882, 0.4353
CMYK	0.22, 0.00, 0.08, 0.39
HSL	159°, 15%, 54%
HSV	159°, 22%, 61%
XYZ	24.8077, 29.8555, 30.8407
YIQ	144.1670, -17.0080, -11.1520

Conversions

Conversions Part 2

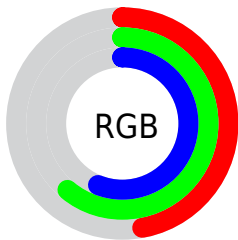
Format	Color
R_{YB}	121, 142, 156
Decimal	7969936
CIE _{Lab}	61.53, -14.64, 2.32
CIE _{LCh}	62, 14.826, 170.978
Yxy	29.8555, 0.2901, 0.3492
Android (android.graphics.Color)	4286160016 (0xFF799C90)
YUV	144.1670, -0.0823, -20.3175
Hunter-Lab	54.6402, -14.5779, 4.7829

Details

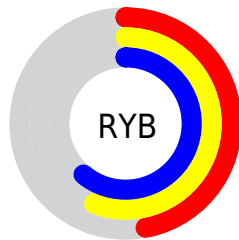
The XYZ color **24.8077, 29.8555, 30.8407** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.7824, 22.4370, 25.2163**, and the grayscale version is **26.5825, 27.9668, 30.4559**.

A 20% lighter version of the original color is **50.9429, 59.6644, 62.2575**, and **9.6705, 12.2509, 12.4446** is the 20% darker color. If you saturate the color by 10%, you get **22.3968, 28.6595, 28.6443**, and if you desaturate by 10%, it is **27.5933, 31.2439, 33.1571**.

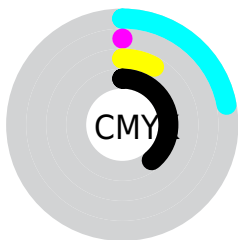
Distribution



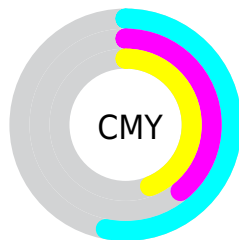
- Red (47%)
- Green (61%)
- Blue (56%)



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



- Cyan (22%)
- Magenta (0%)
- Yellow (8%)
- Black (39%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8077, 29.8555, 30.8407 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 24.8077, 29.8555, 30.8407 by changing the saturation by 10% instead.

■ 24.8077, 29.8555,
30.8407

■ 24.8077, 29.8555,
30.8407

269.2443,
301.2303, 320.1322

■ 16.0618, 19.7289,
20.2201

■ 50.7902, 59.4336,
62.0658

■ 9.6590, 12.1982,
12.3695

■ 68.7576, 79.6539,
83.5074

■ 5.2340, 6.8788,
6.8703

■ 90.5295, 104.0076,
109.3932

■ 2.4214, 3.3864,
3.3039

116.4712,
132.8790, 140.1415

■ 0.8558, 1.3366,
1.2518

146.9482,
166.6526, 176.1711

■ 0.0000, 0.1693,
0.0218

182.3258,

■ 0.0000, 0.0000,

205.7128, 217.9003

0.0000

222.9694,
250.4439, 265.7479

■ 24.8077, 29.8555,
30.8407

■ 24.8077, 29.8555,
30.8407

■ 22.3968, 28.6595,
28.6443

■ 27.5933, 31.2439,
33.1571

■ 20.3407, 27.6435,
26.5636

■ 30.7670, 32.8294,
35.5935

■ 18.6217, 26.7991,
24.5971

■ 34.3450, 34.6210,
38.1527

■ 17.2194, 26.1158,
22.7423

■ 38.3414, 36.6259,
40.8366

■ 16.1111, 25.5819,
20.9967

■ 42.7698, 38.8513,
43.6472

■ 15.2710, 25.1842,
19.3576

■ 47.6432, 41.3036,
46.5862

■ 14.6683, 24.9069,
17.8220

■ 52.9741, 43.9894,
49.6557

■ 14.3126, 24.7475,
16.7255

■ 58.7743, 46.9146,
52.8572

■ 62.6596, 48.8502,
56.0804

Harmonies

Analogous

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



25.5425, 29.8555, 26.1618



24.8077, 29.8555, 30.8407



24.9943, 29.8555, 36.5358

Triad

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



24.8077, 29.8555, 30.8407



29.7505, 29.8555, 43.6892



30.8218, 29.8555, 24.8074

Complementary

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



24.8077, 29.8555, 30.8407



24.7824, 22.4370, 25.2163

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.



32.0514, 29.8555, 28.7869



24.8077, 29.8555, 30.8407



31.4133, 29.8555, 39.8045

Square

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



24.8077, 29.8555, 30.8407



27.7886, 29.8555, 44.4033



32.2727, 29.8555, 34.2334



28.9731, 29.8555, 22.9523

Rectangle

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



24.8077, 29.8555, 30.8407



25.6198, 29.8555, 40.1292



32.2727, 29.8555, 34.2334



31.3247, 29.8555, 25.9178

Sweetspot

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



24.8085, 29.8567, 30.8414



53.0790, 58.2252, 62.5368



25.0531, 30.1656, 22.5919



11.6129, 12.7787, 13.7095



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.



24.8085, 29.8567, 30.8414



42.7416, 53.0753, 53.9533



24.9133, 28.5193, 35.6456



6.7251, 7.4708, 7.9871



11.8054, 20.3901, 13.8640



0.2302, 0.3722, 0.3484

Inverse Universe

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



24.7824, 22.4370, 25.2163



42.6866, 37.1269, 41.8680



24.6553, 23.4350, 21.3137



6.7223, 6.6818, 7.3885



11.8468, 6.0433, 3.4441



0.2307, 0.1156, 0.1608

Previews

White Background



This preview shows how the XYZ color 24.8077, 29.8555, 30.8407 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 24.8077, 29.8555, 30.8407 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 24.8077, 29.8555, 30.8407

Background



This preview shows how black text looks on a background with the XYZ color 24.8077, 29.8555, 30.8407.

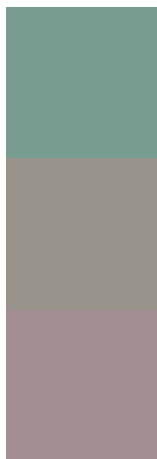


This preview shows how white text looks on a background with the XYZ color 24.8077, 29.8555,

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

24.8077, 29.8555, 30.8407

Protanopia

28.3870, 29.8162, 28.6850

Deuteranopia

30.1932, 29.5380, 31.7138



Tritanopia

26.6402, 29.8591, 39.9566

Trichromacy



Original Color

24.8077, 29.8555, 30.8407

Protanomaly

26.8588, 29.7190, 29.5200

Deuteranomaly

27.9910, 29.5510, 31.4228

Tritanomaly

25.9536, 29.8306, 36.2883

Monochromacy



Original Color

24.8077, 29.8555, 30.8407

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.7773, 28.4277, 30.5140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8077, 29.8555, 30.8407 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(121, 156, 144)` looks like.

```
.text, #text, p{  
    color:rgb(121, 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(121, 156, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 156, 144) }
```

Border

The CSS property to change the border of an element to XYZ 24.8077, 29.8555, 30.8407 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(121, 156, 144) }
```


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

```
.border{ border-color:rgb(121, 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(121, 156, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 156, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 156, 144);  
box-shadow:4px 4px 4px 4px rgb(121, 156,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8077, 29.8555, 30.8407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 156, 144) }
```

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

```
.background{ background-color: rgb(121,  
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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