

Converting Colors

XYZ(24.8398, 28.7407, 35.0421)

Have a look what the booklet for
XYZ(24.8398, 28.7407, 35.0421)
contains.

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Color

**XYZ(24.8904, 28.8161,
35.2605)**

Conversions

Conversions Part 1

Format	Color
Hex	78989B
RGB	120, 152, 155
RGB Percent	47%, 60%, 61%
CMY	0.5294, 0.4039, 0.3922
CMYK	0.23, 0.02, 0.00, 0.39
HSL	185°, 15%, 54%
HSV	185°, 23%, 61%
XYZ	24.8904, 28.8161, 35.2605
YIQ	142.7740, -20.0350, -5.8510

Conversions

Conversions Part 2

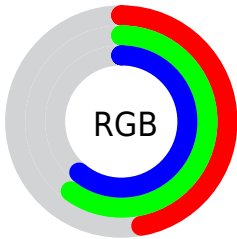
Format	Color
R_{YB}	120, 137, 155
Decimal	7903387
CIE _{Lab}	60.62, -10.36, -5.24
CIE _{LCh}	61, 11.614, 206.826
Yxy	28.8161, 0.2798, 0.3239
Android (android.graphics.Color)	4286093467 (0xFF78989B)
YUV	142.7740, 6.0274, -19.9728
Hunter-Lab	53.6806, -11.1750, -1.3686

Details

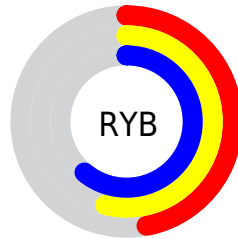
The XYZ color **24.8904, 28.8161, 35.2605** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.9910, 22.4907, 20.8467**, and the grayscale version is **26.0015, 27.3556, 29.7902**.

A 20% lighter version of the original color is **50.8135, 57.6303, 68.7672**, and **9.6782, 11.6089, 14.8274** is the 20% darker color. If you saturate the color by 10%, you get **22.6983, 27.3686, 35.0971**, and if you desaturate by 10%, it is **27.4346, 30.4501, 35.4423**.

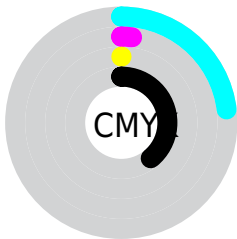
Distribution



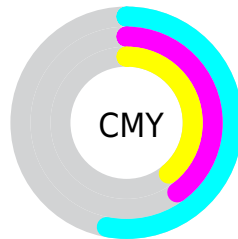
- Red (47%)
- Green (60%)
- Blue (61%)



- Red (47%)
- Yellow (54%)
- Blue (61%)



- Cyan (23%)
- Magenta (2%)
- Yellow (0%)
- Black (39%)



- Cyan (53%)
- Magenta (40%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8904, 28.8161, 35.2605 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 24.8904, 28.8161, 35.2605 by changing the saturation by 10% instead.

■ 24.8904, 28.8161,
35.2605

■ 24.8904, 28.8161,
35.2605

269.6494,
296.3463, 340.6558

■ 16.1237, 18.9417,
23.5785

■ 50.9235, 57.7848,
69.0453

■ 9.7031, 11.6282,
14.8119

■ 68.9207, 77.6479,
91.9851

■ 5.2633, 6.4910,
8.5423

■ 90.7254, 101.6094,
119.5145

■ 2.4389, 3.1459,
4.3512

116.7030,
130.0536, 152.0522

■ 0.8646, 1.2084,
1.8199

147.2188,
163.3651, 190.0166

■ 0.0000, 0.0685,
0.4410

182.6383,

■ 0.0000, 0.0000,

201.9281, 233.8264

0.0000

223.3267,
246.1270, 283.8999

■ 24.8904, 28.8161,
35.2605

■ 24.8904, 28.8161,
35.2605

■ 22.6983, 27.3686,
35.0971

■ 27.4346, 30.4501,
35.4423

■ 20.8390, 26.0956,
34.9494

■ 30.3440, 32.2753,
35.6412

■ 19.2953, 24.9888,
34.8171

■ 33.6341, 34.3003,
35.8587

■ 18.0474, 24.0380,
34.6994

■ 37.3187, 36.5323,
36.0953

■ 17.0732, 23.2318,
34.5951

■ 41.4109, 38.9781,
36.3517

■ 16.3473, 22.5573,
34.5032

■ 45.9234, 41.6441,
36.6285

■ 15.8400, 21.9989,
34.4221

■ 50.8680, 44.5366,
36.9262

■ 15.5484, 21.6305,
34.3664

■ 56.2564, 47.6616,
37.2453

■ 60.4234, 50.1605,
37.5081

Harmonies

Analogous

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



24.6039, 28.8161, 30.9199



24.8904, 28.8161, 35.2605



25.8380, 28.8161, 38.8246

Triad

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



24.8904, 28.8161, 35.2605



29.8793, 28.8161, 36.1252



27.5491, 28.8161, 23.8173

Complementary

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



24.8904, 28.8161, 35.2605



23.9910, 22.4907, 20.8467

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.



29.0005, 28.8161, 24.9465



24.8904, 28.8161, 35.2605



30.3764, 28.8161, 31.8362

Square

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



24.8904, 28.8161, 35.2605



28.7136, 28.8161, 39.3550



30.0491, 28.8161, 27.7875



26.1054, 28.8161, 24.5554

Rectangle

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



24.8904, 28.8161, 35.2605



26.7356, 28.8161, 40.1427



30.0491, 28.8161, 27.7875



28.0526, 28.8161, 23.9884

Sweetspot

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



24.8912, 28.8173, 35.2612



51.8849, 56.2678, 63.6624



23.0376, 28.8643, 23.0694



11.6809, 12.6965, 14.4054



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.



24.8912, 28.8173, 35.2612



42.5576, 50.2843, 62.9991



22.2687, 23.5722, 34.3870



6.3393, 6.9360, 7.9336



12.5021, 17.4009, 27.6075



0.1984, 0.2831, 0.4166

Inverse Universe

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



25.9022, 22.6692, 32.7175



44.7055, 37.3872, 57.5580



26.3474, 27.2034, 21.6321



6.4384, 6.3145, 7.6887



14.7693, 7.1619, 21.1077



0.2266, 0.1094, 0.3461

Previews

White Background



This preview shows how the XYZ color 24.8904, 28.8161, 35.2605 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 24.8904, 28.8161, 35.2605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

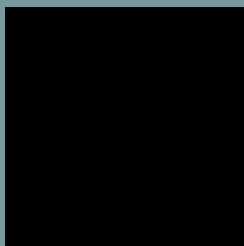
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

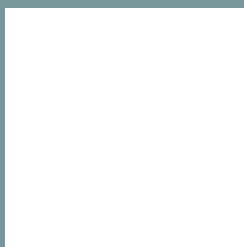
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.8904, 28.8161, 35.2605

Background



This preview shows how black text looks on a background with the XYZ color 24.8904, 28.8161, 35.2605.



This preview shows how white text looks on a background with the XYZ color 24.8904, 28.8161,

35.2605.

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

24.8904, 28.8161, 35.2605

Protanopia

27.7439, 28.6882, 33.3533

Deuteranopia

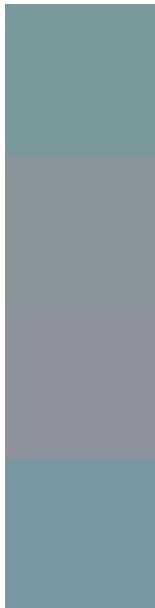
29.2764, 28.7489, 35.9043



Tritanopia

25.7035, 28.9151, 38.8768

Trichromacy



Original Color

24.8904, 28.8161, 35.2605

Protanomaly

26.5739, 28.7652, 33.8574

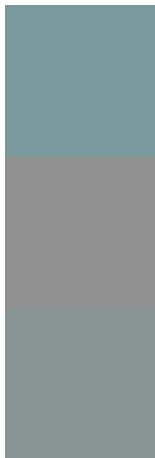
Deuteranomaly

27.4350, 28.7089, 35.5479

Tritanomaly

25.2969, 28.7362, 37.4711

Monochromacy



Original Color

24.8904, 28.8161, 35.2605

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.5370, 27.8152, 31.6267

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8904, 28.8161, 35.2605 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, 152, 155)` looks like.

```
.text, #text, p{  
    color:rgb(120, 152, 155)  
}
```

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, 152, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 152, 155) }
```

Border

The CSS property to change the border of an element to XYZ 24.8904, 28.8161, 35.2605 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, 152, 155) }
```


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

```
.border{ border-color:rgb(120, 152, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 152, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 152, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 152, 155);  
box-shadow:4px 4px 4px 4px rgb(120, 152,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8904, 28.8161, 35.2605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 152, 155) }
```

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

```
.background{ background-color: rgb(120,  
152, 155) }
```

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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