

Converting Colors

XYZ(25.4644, 29.9021, 32.8671)

Have a look what the booklet for
XYZ(25.4644, 29.9021, 32.8671)
contains.

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Color

**XYZ(25.4583, 29.8977,
32.8628)**

Conversions

Conversions Part 1

Format	Color
Hex	7C9B95
RGB	124, 155, 149
RGB Percent	49%, 61%, 58%
CMY	0.5137, 0.3921, 0.4157
CMYK	0.20, 0.00, 0.04, 0.39
HSL	168°, 13%, 55%
HSV	168°, 20%, 61%
XYZ	25.4583, 29.8977, 32.8628
YIQ	145.0470, -16.5500, -8.4380

Conversions

Conversions Part 2

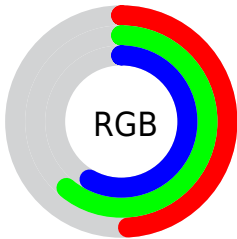
Format	Color
RYB	124, 141, 155
Decimal	8166293
CIELab	61.57, -12.03, -0.42
CIElCh	62, 12.038, 182.010
Yxy	29.8977, 0.2886, 0.3389
Android (android.graphics.Color)	4286356373 (0xFF7C9B95)
YUV	145.0470, 1.9488, -18.4582
Hunter-Lab	54.6788, -12.5788, 2.6409

Details

The XYZ color **25.4583, 29.8977, 32.8628** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.7555, 22.9963, 24.2543**, and the grayscale version is **26.9305, 28.3330, 30.8547**.

A 20% lighter version of the original color is **51.7114, 59.2598, 65.2127**, and **9.9790, 12.2383, 13.3916** is the 20% darker color. If you saturate the color by 10%, you get **23.1557, 28.7388, 31.5209**, and if you desaturate by 10%, it is **28.1210, 31.2431, 34.2550**.

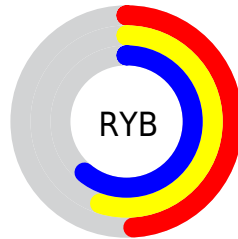
Distribution



Red (49%)

Green (61%)

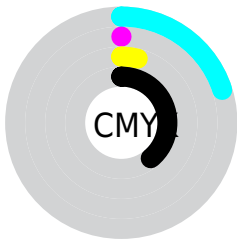
Blue (58%)



Red (49%)

Yellow (55%)

Blue (61%)

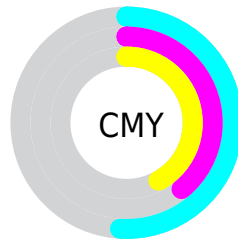


Cyan (20%)

Magenta (0%)

Yellow (4%)

Black (39%)



Cyan (51%)

Magenta (39%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.4583, 29.8977, 32.8628 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 25.4583, 29.8977, 32.8628 by changing the saturation by 10% instead.

■ 25.4583, 29.8977,
32.8628

■ 25.4583, 29.8977,
32.8628

272.4184,
301.4273, 329.6441

■ 16.5494, 19.7610,
21.7511

■ 51.8373, 59.5004,
65.2748

■ 10.0070, 12.2214,
13.4776

■ 70.0381, 79.7351,
87.4122

■ 5.4659, 6.8946,
7.6236

■ 92.0669, 104.1045,
114.0619

■ 2.5607, 3.3963,
3.7708

118.2891,
132.9932, 145.6425

■ 0.9260, 1.3420,
1.5005

149.0699,
166.7854, 182.5724

■ 0.0000, 0.1733,
0.2183

184.7749,

■ 0.0000, 0.0000,

205.8655, 225.2703

0.0000

225.7693,
250.6181, 274.1547

■ 25.4583, 29.8977,
32.8628

■ 25.4583, 29.8977,
32.8628

■ 23.1557, 28.7388,
31.5209

■ 28.1210, 31.2431,
34.2550

■ 21.1940, 27.7541,
30.2263

■ 31.1565, 32.7792,
35.6966

■ 19.5565, 26.9359,
28.9787

■ 34.5801, 34.5147,
37.1890

■ 18.2237, 26.2740,
27.7768

■ 38.4057, 36.4566,
38.7331

■ 17.1741, 25.7574,
26.6194

■ 42.6461, 38.6117,
40.3299

■ 16.3834, 25.3737,
25.5052

■ 47.3138, 40.9863,
41.9800

■ 15.8230, 25.1080,
24.4325

■ 52.4207, 43.5866,
43.6843

■ 15.4232, 24.9243,
23.3979

■ 57.9783, 46.4184,
45.4435

■ 60.7993, 47.8388,
47.1087

Harmonies

Analogous

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



25.7917, 29.8977, 28.5996



25.4583, 29.8977, 32.8628



25.8927, 29.8977, 37.4391

Triad

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



25.4583, 29.8977, 32.8628



30.0752, 29.8977, 40.5912



29.8819, 29.8977, 25.3916

Complementary

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



25.4583, 29.8977, 32.8628



24.7555, 22.9963, 24.2543

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.



31.1000, 29.8977, 28.1126



25.4583, 29.8977, 32.8628



31.2144, 29.8977, 36.8560

Square

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



25.4583, 29.8977, 32.8628



28.5247, 29.8977, 42.1530



31.5962, 29.8977, 32.2462



28.3093, 29.8977, 24.5347

Rectangle

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



25.4583, 29.8977, 32.8628



26.5691, 29.8977, 39.9849



31.5962, 29.8977, 32.2462



30.3484, 29.8977, 26.1052

Sweetspot

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



25.4592, 29.8989, 32.8635



52.3897, 56.9773, 62.3362



24.5969, 29.6609, 23.4979



11.7864, 12.8603, 14.0750



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.



25.4592, 29.8989, 32.8635



43.6722, 52.5754, 57.7675



24.4621, 27.1181, 34.9568



6.3333, 7.0060, 7.6785



12.4007, 20.0237, 18.8627



0.1971, 0.3040, 0.3435

Inverse Universe

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



24.7555, 22.9963, 24.2543



42.1793, 37.9210, 39.4947



25.5853, 25.2820, 22.6006



6.2553, 6.2413, 6.7243



11.0570, 5.6770, 1.5592



0.1758, 0.0891, 0.0788

Previews

White Background



This preview shows how the XYZ color 25.4583, 29.8977, 32.8628 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 25.4583, 29.8977, 32.8628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

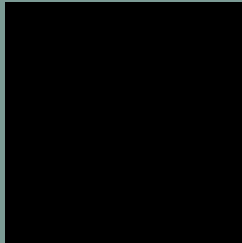
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

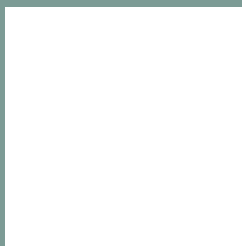
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.4583, 29.8977, 32.8628

Background



This preview shows how black text looks on a background with the XYZ color 25.4583, 29.8977, 32.8628.

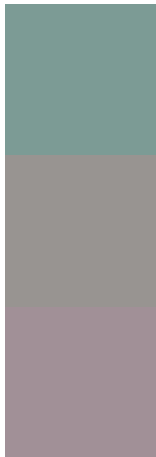


This preview shows how white text looks on a background with the XYZ color 25.4583, 29.8977,

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

25.4583, 29.8977, 32.8628

Protanopia

28.6496, 29.8995, 31.0493

Deuteranopia

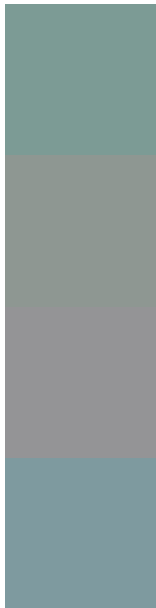
30.2571, 29.7580, 33.4273



Tritanopia

26.9352, 30.0111, 39.9704

Trichromacy



Original Color

25.4583, 29.8977, 32.8628

Protanomaly

27.4102, 29.9593, 31.5322

Deuteranomaly

28.3077, 29.6777, 33.0906

Tritanomaly

26.4178, 30.0500, 37.2088

Monochromacy



Original Color

25.4583, 29.8977, 32.8628

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.2523, 28.8886, 31.3865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4583, 29.8977, 32.8628 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, 155, 149)` looks like.

```
.text, #text, p{  
    color:rgb(124, 155, 149)  
}
```

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, 155, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 155, 149) }
```

Border

The CSS property to change the border of an element to XYZ 25.4583, 29.8977, 32.8628 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, 155, 149) }
```


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

```
.border{ border-color:rgb(124, 155, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 155, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 155, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 155, 149);  
box-shadow:4px 4px 4px 4px rgb(124, 155,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4583, 29.8977, 32.8628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 155, 149) }
```

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

```
.background{ background-color: rgb(124,  
155, 149) }
```

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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