

Converting Colors

XYZ(24.0644, 28.3526, 32.5593)

Have a look what the booklet for
XYZ(24.0644, 28.3526, 32.5593)
contains.

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Color

**XYZ(24.1243, 28.4780,
32.6591)**

Conversions

Conversions Part 1

Format	Color
Hex	769895
RGB	118, 152, 149
RGB Percent	46%, 60%, 58%
CMY	0.5372, 0.4039, 0.4157
CMYK	0.22, 0.00, 0.02, 0.40
HSL	175°, 14%, 53%
HSV	175°, 22%, 60%
XYZ	24.1243, 28.4780, 32.6591
YIQ	141.4920, -19.3010, -8.1410

Conversions

Conversions Part 2

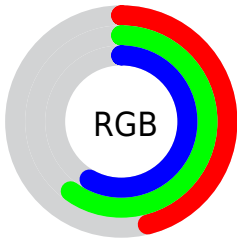
Format	Color
R_{YB}	118, 136, 152
Decimal	7772309
CIE _{Lab}	60.32, -12.38, -2.30
CIE _{LCh}	60, 12.594, 190.502
Yxy	28.4780, 0.2829, 0.3340
Android (android.graphics.Color)	4285962389 (0xFF769895)
YUV	141.4920, 3.7014, -20.6025
Hunter-Lab	53.3648, -12.6949, 1.0700

Details

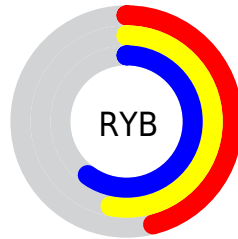
The XYZ color **24.1243, 28.4780, 32.6591** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.8796, 21.0136, 20.9405**, and the grayscale version is **25.5027, 26.8308, 29.2188**.

A 20% lighter version of the original color is **49.6454, 57.1123, 64.9071**, and **9.3125, 11.4544, 13.2754** is the 20% darker color. If you saturate the color by 10%, you get **22.1179, 27.4567, 32.0096**, and if you desaturate by 10%, it is **26.4663, 29.6736, 33.3319**.

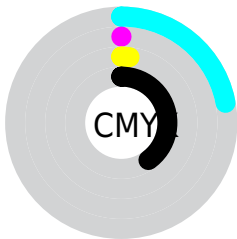
Distribution



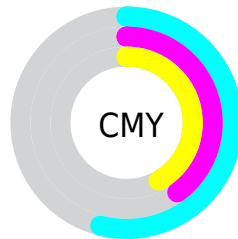
- Red (46%)
- Green (60%)
- Blue (58%)



- Red (46%)
- Yellow (53%)
- Blue (60%)



- Cyan (22%)
- Magenta (0%)
- Yellow (2%)
- Black (40%)



- Cyan (54%)
- Magenta (40%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1243, 28.4780, 32.6591 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 24.1243, 28.4780, 32.6591 by changing the saturation by 10% instead.

■ 24.1243, 28.4780,
32.6591

■ 24.1243, 28.4780,
32.6591

265.8771,
294.7440, 328.6956

■ 15.5511, 18.6863,
21.5964

■ 49.6862, 57.2467,
64.9528

■ 9.2959, 11.4438,
13.3652

■ 67.4055, 76.9925,
87.0209

■ 4.9933, 6.3662,
7.5468

■ 88.9043, 100.8251,
113.5946

■ 2.2781, 3.0690,
3.7228

114.5479,
129.1288, 145.0924

■ 0.7834, 1.1679,
1.4745

144.7016,
162.2882, 181.9329

■ 0.0000, 0.0352,
0.1988

179.7308,

■ 0.0000, 0.0000,

200.6876, 224.5345

0.0000

220.0009,
244.7114, 273.3159

■ 24.1243, 28.4780,
32.6591

■ 24.1243, 28.4780,
32.6591

■ 22.1179, 27.4567,
32.0096

■ 26.4663, 29.6736,
33.3319

■ 20.4286, 26.5980,
31.3808

■ 29.1562, 31.0477,
34.0269

■ 19.0401, 25.8943,
30.7725

■ 32.2088, 32.6087,
34.7454

■ 17.9336, 25.3357,
30.1837

■ 35.6372, 34.3632,
35.4879

■ 17.0880, 24.9115,
29.6135

■ 39.4541, 36.3179,
36.2552

■ 16.4794, 24.6094,
29.0608

■ 43.6713, 38.4787,
37.0477

■ 16.0795, 24.4147,
28.5241

■ 48.3003, 40.8517,
37.8661

■ 15.8585, 24.3094,
28.1227

■ 53.3520, 43.4425,
38.7109

■ 58.8370, 46.2565,
39.5826

Harmonies

Analogous

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



24.2414, 28.4780, 28.1299



24.1243, 28.4780, 32.6591



24.7717, 28.4780, 37.1574

Triad

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



24.1243, 28.4780, 32.6591



29.1373, 28.4780, 38.2825



28.1185, 28.4780, 23.3491

Complementary

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



24.1243, 28.4780, 32.6591



22.8796, 21.0136, 20.9405

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.



29.5009, 28.4780, 25.5770



24.1243, 28.4780, 32.6591



30.1051, 28.4780, 34.0754

Square

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



24.1243, 28.4780, 32.6591



27.6381, 28.4780, 40.6119



30.2408, 28.4780, 29.4129



26.5048, 28.4780, 23.0513

Rectangle

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



24.1243, 28.4780, 32.6591



25.5654, 28.4780, 39.4207



30.2408, 28.4780, 29.4129



28.6273, 28.4780, 23.8858

Sweetspot

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



24.1251, 28.4792, 32.6597



49.1195, 53.6032, 59.4683



22.4405, 27.8596, 21.3348



11.1079, 12.1546, 13.5018



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



24.1251, 28.4792, 32.6597



40.6826, 49.2987, 57.0486



22.2856, 24.4115, 33.2445



6.3611, 7.0171, 7.8247



13.3022, 20.3843, 23.6096



0.2048, 0.3071, 0.3844

Inverse Universe

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



22.8796, 21.0136, 20.9405



38.0756, 33.6672, 32.5154



24.4171, 24.3786, 20.5587



6.2298, 6.2311, 6.5905



10.9261, 5.6247, 0.8700



0.1685, 0.0861, 0.0401

Previews

White Background



This preview shows how the XYZ color 24.1243, 28.4780, 32.6591 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 24.1243, 28.4780, 32.6591 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 24.1243, 28.4780, 32.6591

Background



This preview shows how black text looks on a background with the XYZ color 24.1243, 28.4780, 32.6591.

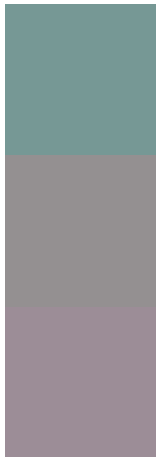


This preview shows how white text looks on a background with the XYZ color 24.1243, 28.4780,

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

24.1243, 28.4780, 32.6591

Protanopia

27.2968, 28.2868, 30.8093

Deuteranopia

28.8211, 28.3520, 33.2316



Tritanopia

25.3131, 28.4863, 38.3467

Trichromacy



Original Color

24.1243, 28.4780, 32.6591

Protanomaly

25.9386, 28.2611, 31.2820

Deuteranomaly

26.7857, 28.2036, 32.8862

Tritanomaly

24.8981, 28.5606, 36.0988

Monochromacy



Original Color

24.1243, 28.4780, 32.6591

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.8323, 27.2510, 30.3367

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1243, 28.4780, 32.6591 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(118, 152, 149)` looks like.

```
.text, #text, p{  
    color:rgb(118, 152, 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(118, 152, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 152, 149) }
```

Border

The CSS property to change the border of an element to XYZ 24.1243, 28.4780, 32.6591 is called "border". The border property can be set on classes, ids or directly on the HTML element.

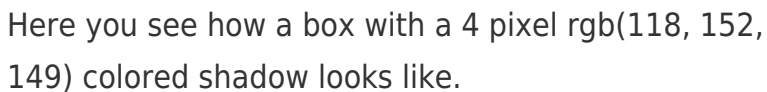
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 152, 149) }
```


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

```
.border{ border-color:rgb(118, 152, 149) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 152, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 152, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 152, 149); box-shadow:4px 4px 4px 4px rgb(118, 152, 149) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1243, 28.4780, 32.6591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 152, 149) }
```

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

```
.background{ background-color: rgb(118,  
152, 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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