

Converting Colors

XYZ(24.2381, 29.2314, 25.5653)

Have a look what the booklet for
XYZ(24.2381, 29.2314, 25.5653)
contains.

XYZ(24.1891, 29.1585, 25.4724)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.1891, 29.1585,
25.4724)**

Conversions

Conversions Part 1

Format	Color
Hex	7E9A82
RGB	126, 154, 130
RGB Percent	49%, 60%, 51%
CMY	0.5059, 0.3961, 0.4902
CMYK	0.18, 0.00, 0.16, 0.40
HSL	129°, 12%, 55%
HSV	129°, 18%, 60%
XYZ	24.1891, 29.1585, 25.4724
YIQ	142.8920, -8.9840, -13.4000

Conversions

Conversions Part 2

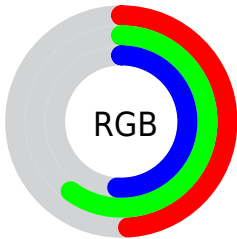
Format	Color
R_{YB}	126, 151, 154
Decimal	8297090
CIE _{Lab}	60.92, -14.70, 9.39
CIE _{LCh}	61, 17.442, 147.436
Yxy	29.1585, 0.3069, 0.3699
Android (android.graphics.Color)	4286487170 (0xFF7E9A82)
YUV	142.8920, -6.3558, -14.8143
Hunter-Lab	53.9986, -14.5371, 9.8306

Details

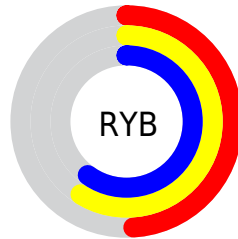
The XYZ color **24.1891, 29.1585, 25.4724** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.2934, 23.9945, 32.1011**, and the grayscale version is **26.0931, 27.4520, 29.8952**.

A 20% lighter version of the original color is **49.6935, 58.1144, 53.3978**, and **9.3960, 11.8724, 9.5810** is the 20% darker color. If you saturate the color by 10%, you get **21.2608, 27.7456, 21.0032**, and if you desaturate by 10%, it is **27.5823, 30.7996, 30.5580**.

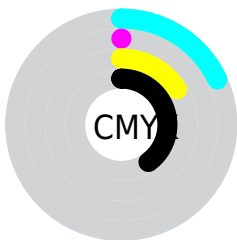
Distribution



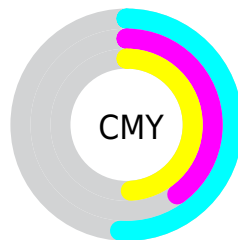
- Red (49%)
- Green (60%)
- Blue (51%)



- Red (49%)
- Yellow (59%)
- Blue (60%)



- Cyan (18%)
- Magenta (0%)
- Yellow (16%)
- Black (40%)



- Cyan (51%)
- Magenta (40%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1891, 29.1585, 25.4724 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 24.1891, 29.1585, 25.4724 by changing the saturation by 10% instead.

■ 24.1891, 29.1585,
25.4724

■ 24.1891, 29.1585,
25.4724

266.1979,
297.9621, 293.7050

■ 15.5995, 19.2008,
16.2071

■ 49.7910, 58.3288,
53.3962

■ 9.3302, 11.8154,
9.5149

■ 67.5340, 78.3102,
72.8917

■ 5.0160, 6.6181,
4.9772

■ 89.0589, 102.4015,
96.6345

■ 2.2915, 3.2244,
2.1754

114.7309,
130.9873, 125.0430

■ 0.7903, 1.2500,
0.6601

144.9154,
164.4518, 158.5357

■ 0.0000, 0.1020,
0.0000

179.9779,

■ 0.0000, 0.0000,

203.1795, 197.5313

0.0000

220.2836,
247.5548, 242.4482

■ 24.1891, 29.1585,
25.4724

■ 24.1891, 29.1585,
25.4724

■ 21.2608, 27.7456,
21.0032

■ 27.5823, 30.7996,
30.5580

■ 18.7748, 26.5473,
17.1252

■ 31.4571, 32.6744,
36.2802

■ 16.7101, 25.5541,
13.8141

■ 35.8320, 34.7931,
42.6607

■ 15.0432, 24.7544,
11.0434

■ 40.7242, 37.1639,
49.7194

■ 13.7481, 24.1354,
8.7844

■ 46.1498, 39.7949,
57.4755

■ 12.7958, 23.6828,
7.0056

■ 52.1243, 42.6935,
65.9476

■ 12.1527, 23.3801,
5.6722

■ 58.6625, 45.8671,
75.1532

■ 11.7602, 23.1979,
4.7438

■ 65.7788, 49.3227,
85.1096

■ 11.7009, 23.1702,
4.6146

■ 69.8647, 51.1997,
95.6637

Harmonies

Analogous

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



25.7475, 29.1585, 21.8784



24.1891, 29.1585, 25.4724



23.5704, 29.1585, 31.1915

Triad

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



24.1891, 29.1585, 25.4724



27.5190, 29.1585, 45.9785



31.7802, 29.1585, 26.3198

Complementary

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



24.1891, 29.1585, 25.4724



26.2934, 23.9945, 32.1011

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.



32.3174, 29.1585, 32.3124



24.1891, 29.1585, 25.4724



29.7788, 29.1585, 44.2143

Square

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



24.1891, 29.1585, 25.4724



25.4261, 29.1585, 43.5190



31.5663, 29.1585, 38.9794



30.1358, 29.1585, 22.3186

Rectangle

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



24.1891, 29.1585, 25.4724



23.7473, 29.1585, 35.6518



31.5663, 29.1585, 38.9794



32.1001, 29.1585, 28.1413

Sweetspot

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



24.1899, 29.1597, 25.4730



52.1778, 56.9508, 58.5873



27.9495, 31.1283, 24.2744



11.7088, 12.8415, 13.1108



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.



24.1899, 29.1597, 25.4730



41.5742, 51.8256, 42.6798



25.1744, 29.5535, 30.6574



6.1663, 6.9393, 6.7993



9.5412, 18.8799, 3.8047



0.1507, 0.2855, 0.0995

Inverse Universe

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



26.2934, 23.9945, 32.1011



46.1515, 40.5838, 57.1014



25.2511, 23.5777, 26.6129



6.4233, 6.3085, 7.6090



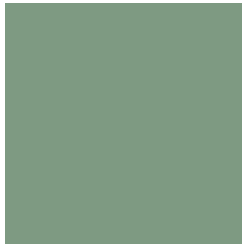
14.2607, 6.9585, 18.4295



0.2223, 0.1077, 0.3235

Previews

White Background



This preview shows how the XYZ color 24.1891, 29.1585, 25.4724 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 24.1891, 29.1585, 25.4724 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

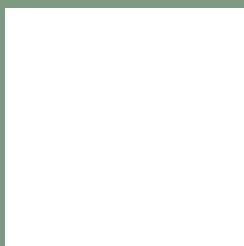
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.1891, 29.1585, 25.4724

Background



This preview shows how black text looks on a background with the XYZ color 24.1891, 29.1585, 25.4724.



This preview shows how white text looks on a background with the XYZ color 24.1891, 29.1585,

25.4724.

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

24.1891, 29.1585, 25.4724

Protanopia

27.3712, 28.9342, 23.8809

Deuteranopia

29.4844, 28.8502, 26.2050



Tritanopia

26.6994, 29.2112, 37.9493

Trichromacy



Original Color

24.1891, 29.1585, 25.4724

Protanomaly

26.0798, 28.9565, 24.2933

Deuteranomaly

27.2062, 28.8030, 25.9554

Tritanomaly

25.6249, 29.0024, 33.1016

Monochromacy



Original Color

24.1891, 29.1585, 25.4724

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.3377, 28.0208, 28.1179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1891, 29.1585, 25.4724 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(126, 154, 130)` looks like.

```
.text, #text, p{  
    color:rgb(126, 154, 130)  
}
```

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(126, 154, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 154, 130) }
```

Border

The CSS property to change the border of an element to XYZ 24.1891, 29.1585, 25.4724 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(126, 154, 130) }
```


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

```
.border{ border-color:rgb(126, 154, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 154, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 154, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 154, 130);  
box-shadow:4px 4px 4px 4px rgb(126, 154,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1891, 29.1585, 25.4724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 154, 130) }
```

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

```
.background{ background-color: rgb(126,  
154, 130) }
```

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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