

Converting Colors

XYZ(10.9858, 14.8381, 24.1638)

Have a look what the booklet for
XYZ(10.9858, 14.8381, 24.1638)
contains.

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Color

**XYZ(10.9526, 14.7822,
24.1058)**

Conversions

Conversions Part 1

Format	Color
Hex	157684
RGB	21, 118, 132
RGB Percent	8%, 46%, 52%
CMY	0.9176, 0.5372, 0.4823
CMYK	0.84, 0.11, 0.00, 0.48
HSL	188°, 73%, 30%
HSV	188°, 84%, 52%
XYZ	10.9526, 14.7822, 24.1058
YIQ	90.5930, -62.3060, -16.2100

Conversions

Conversions Part 2

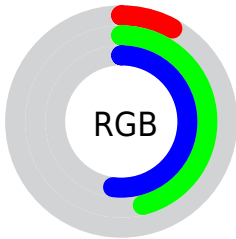
Format	Color
RYB	21, 73, 132
Decimal	1406596
CIELab	45.33, -21.06, -15.24
CIELCh	45, 25.997, 215.892
Yxy	14.7822, 0.2198, 0.2966
Android (android.graphics.Color)	4279596676 (0xFF157684)
YUV	90.5930, 20.4137, -61.0331
Hunter-Lab	38.4476, -16.4339, -10.2602

Details

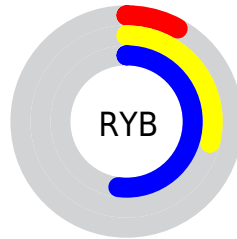
The XYZ color **10.9526, 14.7822, 24.1058** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **10.2528, 6.1627, 1.3593**, and the grayscale version is **9.8182, 10.3295, 11.2488**.

A 20% lighter version of the original color is **27.1562, 34.3269, 51.0934**, and **3.6895, 4.8808, 8.9312** is the 20% darker color. If you saturate the color by 10%, you get **10.5470, 14.2849, 24.0315**, and if you desaturate by 10%, it is **11.5081, 15.3625, 24.1888**.

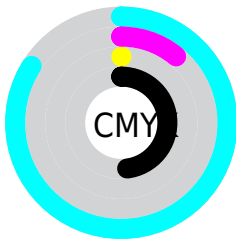
Distribution



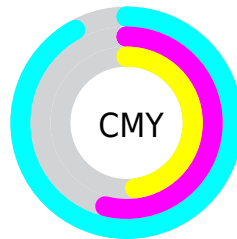
- Red (8%)
- Green (46%)
- Blue (52%)



- Red (8%)
- Yellow (29%)
- Blue (52%)



- Cyan (84%)
- Magenta (11%)
- Yellow (0%)
- Black (48%)



- Cyan (92%)
- Magenta (54%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.9526, 14.7822, 24.1058 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 10.9526, 14.7822, 24.1058 by changing the saturation by 10% instead.

■ 10.9526, 14.7822,
24.1058

■ 10.9526, 14.7822,
24.1058

■ 191.2571,
222.0441, 286.6587

■ 6.1020, 8.6667,
15.1992

■ 27.2062, 34.4706,
51.1488

■ 2.9485, 4.5244,
8.8111

■ 39.3400, 48.8123,
70.1223

■ 1.1266, 1.9710,
4.5231

■ 54.6321, 66.6649,
93.2884

■ 0.0472, 0.5906,
1.9165

■ 73.4481, 88.4127,
121.0658

■ 0.0000, 0.0000,
0.5032

■ 96.1533, 114.4401,
153.8730

■ 0.0000, 0.0000,
0.0000

■ 123.1129,

145.1315, 192.1285

154.6924,
180.8714, 236.2509

■ 10.9526, 14.7822,
24.1058

■ 10.9526, 14.7822,
24.1058

■ 10.5470, 14.2849,
24.0315

■ 11.5081, 15.3625,
24.1888

■ 10.3357, 14.0076,
23.9891

■ 12.2341, 16.0356,
24.2805

■ 13.1483, 16.8109,
24.3819

■ 14.2655, 17.6961,
24.4939

■ 15.5995, 18.6983,
24.6170

■ 17.1623, 19.8237,
24.7519

■ 18.9655, 21.0783,
24.8990

■ 21.0196, 22.4676,
25.0589

■ 23.3347, 23.9967,
25.2321

Harmonies

Analogous

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



10.3172, 14.7822, 17.3450



10.9526, 14.7822, 24.1058



12.4242, 14.7822, 29.5438

Triad

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



10.9526, 14.7822, 24.1058



18.1831, 14.7822, 21.4470



13.6288, 14.7822, 6.9396

Complementary

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



10.9526, 14.7822, 24.1058



10.2528, 6.1627, 1.3593

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.



15.8119, 14.7822, 7.5096



10.9526, 14.7822, 24.1058



18.5894, 14.7822, 14.9072

Square

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



10.9526, 14.7822, 24.1058



16.6228, 14.7822, 27.7543



17.6825, 14.7822, 10.0908



11.7575, 14.7822, 8.2668

Rectangle

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



10.9526, 14.7822, 24.1058



13.7552, 14.7822, 31.0760



17.6825, 14.7822, 10.0908



14.3490, 14.7822, 6.9212

Sweetspot

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



10.9531, 14.7827, 24.1062



29.7979, 34.6118, 43.5634



8.8491, 16.7776, 4.2826



6.7389, 7.9164, 10.1255



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



10.9531, 14.7827, 24.1062



18.1313, 24.5243, 42.2312



6.2831, 5.4428, 22.5495



4.7529, 5.1814, 5.9504



10.0101, 13.5679, 23.2280



0.0382, 0.0540, 0.0816

Inverse Universe

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



13.0544, 6.7505, 17.7549



22.2107, 10.8206, 29.4772



13.2618, 12.1807, 2.3623



4.8333, 4.7530, 5.7344



12.2307, 5.9566, 16.3192



0.0441, 0.0213, 0.0658

Previews

White Background



This preview shows how the XYZ color 10.9526, 14.7822, 24.1058 looks on a white 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

Black Background



This preview shows how the XYZ color 10.9526, 14.7822, 24.1058 looks on a black 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

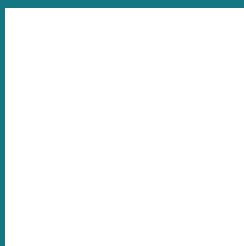
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.9526, 14.7822, 24.1058

Background



This preview shows how black text looks on a background with the XYZ color 10.9526, 14.7822, 24.1058.

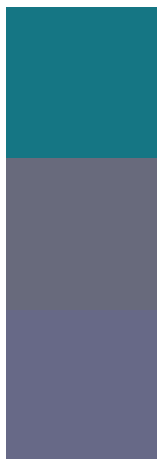


This preview shows how white text looks on a background with the XYZ color 10.9526, 14.7822,

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

10.9526, 14.7822, 24.1058

Protanopia

14.5010, 14.7064, 21.1431

Deuteranopia

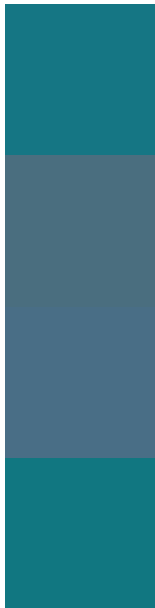
15.0183, 14.7360, 24.9745



Tritanopia

10.6901, 14.8537, 22.7257

Trichromacy



Original Color

10.9526, 14.7822, 24.1058

Protanomaly

12.2307, 14.1400, 22.1633

Deuteranomaly

12.6267, 14.2896, 24.6469

Tritanomaly

10.7904, 14.8978, 23.0757

Monochromacy



Original Color

10.9526, 14.7822, 24.1058

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

9.5020, 11.5062, 15.3558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.9526, 14.7822, 24.1058 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(21, 118, 132)` looks like.

```
.text, #text, p{  
    color:rgb(21, 118, 132)  
}
```

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(21, 118, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 118, 132) }
```

Border

The CSS property to change the border of an element to XYZ 10.9526, 14.7822, 24.1058 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(21, 118, 132) }
```


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

```
.border{ border-color:rgb(21, 118, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 118, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 118, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 118, 132);  
box-shadow:4px 4px 4px 4px rgb(21, 118,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 10.9526, 14.7822, 24.1058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 118, 132) }
```

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

```
.background{ background-color: rgb(21, 118,  
132) }
```

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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