

Converting Colors

XYZ(15.2981, 18.4486, 26.0472)

Have a look what the booklet for
XYZ(15.2981, 18.4486, 26.0472)
contains.

XYZ(15.2981, 18.4486, 26.0472)	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(15.2981, 18.4486,
26.0472)**

Conversions

Conversions Part 1

Format	Color
Hex	517E88
RGB	81, 126, 136
RGB Percent	32%, 49%, 53%
CMY	0.6823, 0.5059, 0.4667
CMYK	0.40, 0.07, 0.00, 0.47
HSL	191°, 25%, 43%
HSV	191°, 40%, 53%
XYZ	15.2981, 18.4486, 26.0472
YIQ	113.6850, -30.0300, -6.4300

Conversions

Conversions Part 2

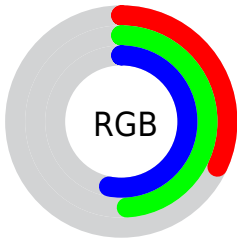
Format	Color
RYB	81, 106, 136
Decimal	5340808
CIELab	50.04, -12.66, -10.30
CIElCh	50, 16.319, 219.138
Yxy	18.4486, 0.2558, 0.3085
Android (android.graphics.Color)	4283530888 (0xFF517E88)
YUV	113.6850, 11.0013, -28.6647
Hunter-Lab	42.9518, -11.5896, -5.8888

Details

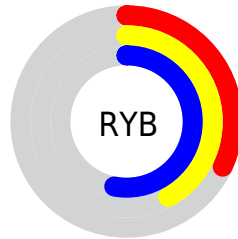
The XYZ color **15.2981, 18.4486, 26.0472** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.3799, 13.3107, 9.5436**, and the grayscale version is **15.8750, 16.7017, 18.1881**.

A 20% lighter version of the original color is **34.9783, 40.9009, 54.1952**, and **4.8690, 6.2557, 9.7549** is the 20% darker color. If you saturate the color by 10%, you get **13.9353, 17.2829, 25.8943**, and if you desaturate by 10%, it is **16.9033, 19.7517, 26.2144**.

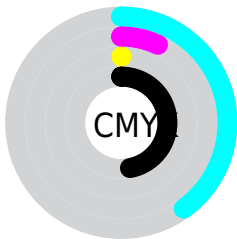
Distribution



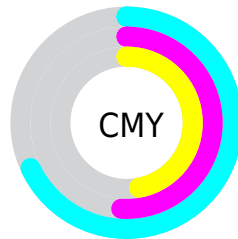
- Red (32%)
- Green (49%)
- Blue (53%)



- Red (32%)
- Yellow (42%)
- Blue (53%)



- Cyan (40%)
- Magenta (7%)
- Yellow (0%)
- Black (47%)



- Cyan (68%)
- Magenta (51%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2981, 18.4486, 26.0472 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 15.2981, 18.4486, 26.0472 by changing the saturation by 10% instead.

■ 15.2981, 18.4486,
26.0472

■ 15.2981, 18.4486,
26.0472

218.5163,
243.3876, 296.6266

■ 9.1165, 11.2725,
16.6329

■ 34.9427, 40.8003,
54.3361

■ 4.8750, 6.2505,
9.8139

■ 49.1364, 56.7446,
74.0478

■ 2.2081, 2.9980,
5.1718

■ 66.7316, 76.3806,
98.0289

■ 0.7470, 1.1307,
2.2879

■ 88.0935, 100.0925,
126.6982

■ 0.0000, 0.0040,
0.7244

■ 113.5876,
128.2647, 160.4740

■ 0.0000, 0.0000,
0.0000

143.5792,

161.2817, 199.7750

178.4336,
199.5279, 245.0197

■ 15.2981, 18.4486,
26.0472

■ 15.2981, 18.4486,
26.0472

■ 13.9353, 17.2829,
25.8943

■ 16.9033, 19.7517,
26.2144

■ 12.7991, 16.2451,
25.7539

■ 18.7622, 21.1969,
26.3954

■ 11.8745, 15.3278,
25.6256

■ 20.8872, 22.7910,
26.5911

■ 11.1439, 14.5220,
25.5086

■ 23.2895, 24.5399,
26.8021

■ 10.5868, 13.8168,
25.4018

■ 25.9797, 26.4491,
27.0288

■ 10.1586, 13.2069,
25.3067

■ 28.9679, 28.5240,
27.2718

■ 32.2633, 30.7693,
27.5315

■ 35.8753, 33.1899,
27.8083

■ 39.8123, 35.7904,
28.1028

Harmonies

Analogous

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



14.7226, 18.4486, 21.4905



15.2981, 18.4486, 26.0472



16.4826, 18.4486, 29.2876

Triad

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



15.2981, 18.4486, 26.0472



20.5067, 18.4486, 23.3230



17.0602, 18.4486, 12.7095

Complementary

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



15.2981, 18.4486, 26.0472



15.3799, 13.3107, 9.5436

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.



18.6309, 18.4486, 13.0491



15.2981, 18.4486, 26.0472



20.6842, 18.4486, 18.7467

Square

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



15.2981, 18.4486, 26.0472



19.5081, 18.4486, 27.5591



19.9796, 18.4486, 15.1140



15.6993, 18.4486, 14.1052

Rectangle

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



15.2981, 18.4486, 26.0472



17.4895, 18.4486, 30.0205



19.9796, 18.4486, 15.1140



17.5803, 18.4486, 12.6296

Sweetspot

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



15.2987, 18.4493, 26.0476



36.0914, 39.6325, 46.7960



14.0504, 20.0990, 12.8495



8.2610, 9.1060, 10.8286



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



15.2987, 18.4493, 26.0476



24.6410, 30.5305, 45.6426



12.3312, 12.5143, 25.0585



5.0968, 5.5366, 6.4059



9.6208, 12.5120, 23.9537



0.0732, 0.1018, 0.1622

Inverse Universe

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



16.8621, 12.6259, 21.2878



27.8964, 19.0396, 35.5893



18.0782, 18.7072, 10.4430



5.1955, 5.1136, 6.1180



12.3430, 6.0473, 14.8422



0.0867, 0.0421, 0.1234

Previews

White Background



This preview shows how the XYZ color 15.2981, 18.4486, 26.0472 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 15.2981, 18.4486, 26.0472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

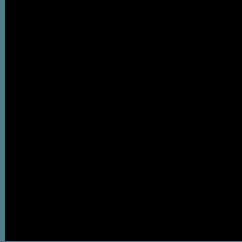
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.2981, 18.4486, 26.0472

Background



This preview shows how black text looks on a background with the XYZ color 15.2981, 18.4486, 26.0472.

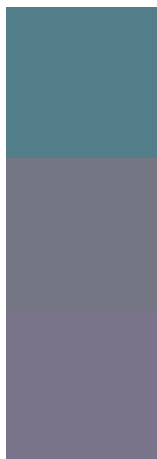


This preview shows how white text looks on a background with the XYZ color 15.2981, 18.4486,

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

15.2981, 18.4486, 26.0472

Protanopia

17.9113, 18.3775, 24.0759

Deuteranopia

18.7180, 18.3907, 26.6080



Tritanopia

15.2981, 18.4486, 26.0472

Trichromacy



Original Color

15.2981, 18.4486, 26.0472

Protanomaly

16.7799, 18.3113, 24.8403

Deuteranomaly

17.1757, 18.3033, 26.2945

Tritanomaly

15.2981, 18.4486, 26.0472

Monochromacy



Original Color

15.2981, 18.4486, 26.0472

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.4708, 17.1868, 20.9143

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2981, 18.4486, 26.0472 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(81, 126, 136)` looks like.

```
.text, #text, p{  
    color:rgb(81, 126, 136)  
}
```

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(81, 126, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 126, 136) }
```

Border

The CSS property to change the border of an element to XYZ 15.2981, 18.4486, 26.0472 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(81, 126, 136) }
```


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

```
.border{ border-color:rgb(81, 126, 136) }
```

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

Here you see how a box with a 4 pixel rgb(81, 126, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 126, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 126, 136);  
box-shadow:4px 4px 4px 4px rgb(81, 126,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2981, 18.4486, 26.0472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 126, 136) }
```

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

```
.background{ background-color: rgb(81, 126,  
136) }
```

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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