

Converting Colors

XYZ(14.4800, 18.5966, 26.4932)

Have a look what the booklet for
XYZ(14.4800, 18.5966, 26.4932)
contains.

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Color

**XYZ(14.4800, 18.5966,
26.4932)**

Conversions

Conversions Part 1

Format	Color
Hex	408189
RGB	64, 129, 137
RGB Percent	25%, 51%, 54%
CMY	0.7490, 0.4941, 0.4627
CMYK	0.53, 0.06, 0.00, 0.46
HSL	187°, 36%, 39%
HSV	187°, 53%, 54%
XYZ	14.4800, 18.5966, 26.4932
YIQ	110.4770, -41.3080, -11.2920

Conversions

Conversions Part 2

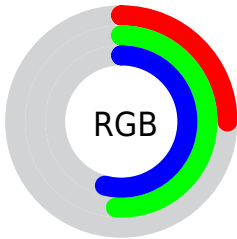
Format	Color
R _{YB}	64, 98, 137
Decimal	4227465
CIE Lab	50.21, -18.35, -10.70
CIE LCh	50, 21.245, 210.244
Yxy	18.5966, 0.2431, 0.3122
Android (android.graphics.Color)	4282417545 (0xFF408189)
YUV	110.4770, 13.0758, -40.7603
Hunter-Lab	43.1238, -15.5303, -6.2383

Details

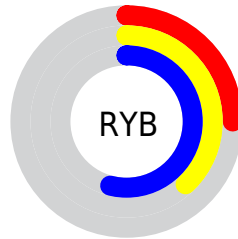
The XYZ color **14.4800, 18.5966, 26.4932** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **13.5598, 10.3239, 6.1292**, and the grayscale version is **14.9308, 15.7083, 17.1064**.

A 20% lighter version of the original color is **33.4934, 41.0252, 54.8686**, and **4.5890, 6.4254, 10.0152** is the 20% darker color. If you saturate the color by 10%, you get **13.5001, 17.8004, 26.3915**, and if you desaturate by 10%, it is **15.6829, 19.5129, 26.6070**.

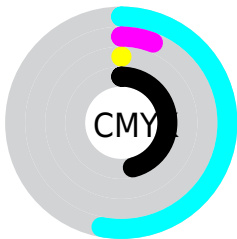
Distribution



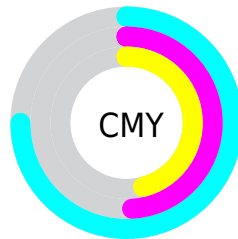
- Red (25%)
- Green (51%)
- Blue (54%)



- Red (25%)
- Yellow (38%)
- Blue (54%)



- Cyan (53%)
- Magenta (6%)
- Yellow (0%)
- Black (46%)



- Cyan (75%)
- Magenta (49%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4800, 18.5966, 26.4932 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 14.4800, 18.5966, 26.4932 by changing the saturation by 10% instead.

■ 14.4800, 18.5966,
26.4932

■ 14.4800, 18.5966,
26.4932

213.6482,
244.2126, 298.8770

■ 8.5392, 11.3792,
16.9639

■ 33.5175, 41.0513,
55.0634

■ 4.4965, 6.3225,
10.0471

■ 47.3450, 57.0574,
74.9413

■ 1.9867, 3.0421,
5.3242

■ 64.5320, 76.7618,
99.1059

■ 0.6265, 1.1538,
2.3766

■ 85.4439, 100.5489,
127.9756

■ 0.0000, 0.0235,
0.7737

■ 110.4462,
128.8032, 161.9690

■ 0.0000, 0.0000,
0.0000

139.9040,

161.9090, 201.5047

174.1829,
200.2506, 247.0012

■ 14.4800, 18.5966,
26.4932

■ 14.4800, 18.5966,
26.4932

■ 13.5001, 17.8004,
26.3915

■ 15.6829, 19.5129,
26.6070

■ 12.7250, 17.1137,
26.2998

■ 17.1217, 20.5547,
26.7322

■ 12.1368, 16.5277,
26.2177

■ 18.8104, 21.7296,
26.8700

■ 11.7132, 16.0307,
26.1441

■ 20.7614, 23.0442,
27.0209

■ 11.4735, 15.7223,
26.0972

■ 22.9862, 24.5043,
27.1855

■ 25.4958, 26.1156,
27.3643

■ 28.3004, 27.8835,
27.5577

■ 31.4098, 29.8128,
27.7662

■ 34.8333, 31.9086,
27.9903

Harmonies

Analogous

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



14.0147, 18.5966, 20.2968



14.4800, 18.5966, 26.4932



15.7879, 18.5966, 31.7341

Triad

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



14.4800, 18.5966, 26.4932



21.3287, 18.5966, 26.3935



17.6587, 18.5966, 10.9169

Complementary

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



14.4800, 18.5966, 26.4932



13.5598, 10.3239, 6.1292

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.



19.7079, 18.5966, 11.9343



14.4800, 18.5966, 26.4932



21.9240, 18.5966, 20.2004

Square

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



14.4800, 18.5966, 26.4932



19.7392, 18.5966, 31.6692



21.3096, 18.5966, 15.0714



15.7609, 18.5966, 11.9682

Rectangle

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



14.4800, 18.5966, 26.4932



17.0150, 18.5966, 33.5586



21.3096, 18.5966, 15.0714



18.3529, 18.5966, 11.0255

Sweetspot

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



14.4806, 18.5973, 26.4936



36.0550, 40.5171, 48.3035



12.2076, 19.4405, 9.1216



7.9480, 8.9945, 10.8235



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.



14.4806, 18.5973, 26.4936



23.8504, 31.5989, 47.2253



10.5623, 10.7607, 25.1875



5.1268, 5.5966, 6.4159



10.6927, 14.6557, 24.3110



0.0772, 0.1098, 0.1636

Inverse Universe

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



16.1129, 10.5708, 21.9606



27.2044, 15.9729, 37.7168



16.5839, 16.3721, 7.1373



5.2106, 5.1197, 6.1977



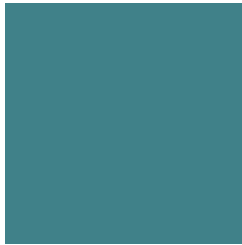
12.8840, 6.2637, 17.6912



0.0887, 0.0429, 0.1340

Previews

White Background



This preview shows how the XYZ color 14.4800, 18.5966, 26.4932 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 14.4800, 18.5966, 26.4932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

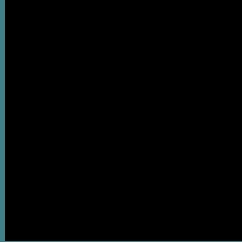
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.4800, 18.5966, 26.4932

Background



This preview shows how black text looks on a background with the XYZ color 14.4800, 18.5966, 26.4932.



This preview shows how white text looks on a background with the XYZ color 14.4800, 18.5966,

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

14.4800, 18.5966, 26.4932

Protanopia

17.9789, 18.4201, 23.7269

Deuteranopia

18.7247, 18.3773, 27.3712



Tritanopia

14.6904, 18.6884, 27.2591

Trichromacy



Original Color

14.4800, 18.5966, 26.4932

Protanomaly

16.2302, 18.2092, 24.8496

Deuteranomaly

16.7531, 18.2481, 27.0654

Tritanomaly

14.6177, 18.6593, 26.8759

Monochromacy



Original Color

14.4800, 18.5966, 26.4932

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.2657, 16.4058, 20.1841

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4800, 18.5966, 26.4932 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(64, 129, 137)` looks like.

```
.text, #text, p{  
    color:rgb(64, 129, 137)  
}
```

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(64, 129, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 129, 137) }
```

Border

The CSS property to change the border of an element to XYZ 14.4800, 18.5966, 26.4932 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(64, 129, 137) }
```


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

```
.border{ border-color:rgb(64, 129, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 129, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 129, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 129, 137);  
box-shadow:4px 4px 4px 4px rgb(64, 129,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4800, 18.5966, 26.4932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 129, 137) }
```

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

```
.background{ background-color: rgb(64, 129,  
137) }
```

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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