

Converting Colors

XYZ(14.7841, 18.7293, 25.4171)

Have a look what the booklet for
XYZ(14.7841, 18.7293, 25.4171)
contains.

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Color

**XYZ(14.8258, 18.7995,
25.4015)**

Conversions

Conversions Part 1

Format	Color
Hex	488186
RGB	72, 129, 134
RGB Percent	28%, 51%, 53%
CMY	0.7176, 0.4941, 0.4745
CMYK	0.46, 0.04, 0.00, 0.47
HSL	185°, 30%, 40%
HSV	185°, 46%, 53%
XYZ	14.8258, 18.7995, 25.4015
YIQ	112.5270, -35.5770, -10.5290

Conversions

Conversions Part 2

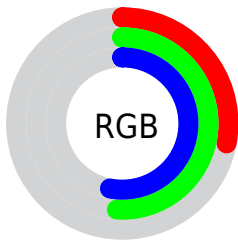
Format	Color
RYB	72, 102, 134
Decimal	4751750
CIELab	50.45, -17.28, -8.55
CIELCh	50, 19.278, 206.323
Yxy	18.7995, 0.2512, 0.3185
Android (android.graphics.Color)	4282941830 (0xFF488186)
YUV	112.5270, 10.5862, -35.5422
Hunter-Lab	43.3584, -14.8416, -4.3842

Details

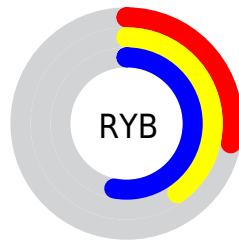
The XYZ color **14.8258, 18.7995, 25.4015** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **13.6553, 10.8441, 7.5047**, and the grayscale version is **15.5339, 16.3428, 17.7973**.

A 20% lighter version of the original color is **34.1550, 41.4037, 53.2053**, and **4.6659, 6.4790, 9.3922** is the 20% darker color. If you saturate the color by 10%, you get **13.7923, 18.0570, 25.3130**, and if you desaturate by 10%, it is **16.0797, 19.6587, 25.5016**.

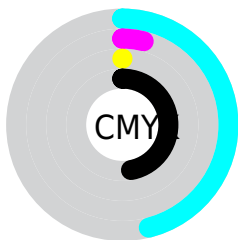
Distribution



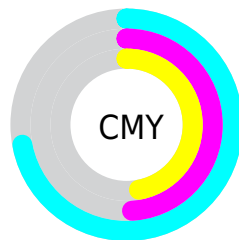
- Red (28%)
- Green (51%)
- Blue (53%)



- Red (28%)
- Yellow (40%)
- Blue (53%)



- Cyan (46%)
- Magenta (4%)
- Yellow (0%)
- Black (47%)



- Cyan (72%)
- Magenta (49%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8258, 18.7995, 25.4015 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 14.8258, 18.7995, 25.4015 by changing the saturation by 10% instead.

■ 14.8258, 18.7995,
25.4015

■ 14.8258, 18.7995,
25.4015

215.7187,
245.3396, 293.3430

■ 8.7827, 11.5255,
16.1547

■ 34.1215, 41.3950,
53.2800

■ 4.6557, 6.4215,
9.4782

■ 48.1048, 57.4853,
72.7488

■ 2.0794, 3.1030,
4.9533

■ 65.4655, 77.2832,
96.4620

■ 0.6780, 1.1857,
2.1616

■ 86.5691, 101.1730,
124.8381

■ 0.0000, 0.0500,
0.6521

■ 111.7809,
129.5392, 158.2958

■ 0.0000, 0.0000,
0.0000

141.4662,

162.7661, 197.2534

175.9903,
201.2381, 242.1297

■ 14.8258, 18.7995,
25.4015

■ 14.8258, 18.7995,
25.4015

■ 13.7923, 18.0570,
25.3130

■ 16.0797, 19.6587,
25.5016

■ 12.9632, 17.4217,
25.2341

■ 17.5654, 20.6392,
25.6125

■ 12.3231, 16.8860,
25.1644

■ 19.2953, 21.7479,
25.7354

■ 11.8535, 16.4404,
25.1031

■ 21.2807, 22.9906,
25.8706

■ 11.5235, 16.0690,
25.0488

■ 23.5321, 24.3726,
26.0187

■ 11.4106, 15.9363,
25.0292

■ 26.0592, 25.8990,
26.1801

■ 28.8716, 27.5747,
26.3553

■ 31.9781, 29.4044,
26.5448

■ 35.3872, 31.3924,
26.7488

Harmonies

Analogous

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



14.5044, 18.7995, 19.8139



14.8258, 18.7995, 25.4015



15.9415, 18.7995, 30.3280

Triad

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



14.8258, 18.7995, 25.4015



21.0420, 18.7995, 26.7502



18.1008, 18.7995, 11.7927

Complementary

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



14.8258, 18.7995, 25.4015



13.6553, 10.8441, 7.5047

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.



19.9445, 18.7995, 13.0188



14.8258, 18.7995, 25.4015



21.7160, 18.7995, 21.1393

Square

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



14.8258, 18.7995, 25.4015



19.5164, 18.7995, 31.1975



21.3011, 18.7995, 16.2211



16.3158, 18.7995, 12.5348

Rectangle

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



14.8258, 18.7995, 25.4015



17.0288, 18.7995, 32.2397



21.3011, 18.7995, 16.2211



18.7351, 18.7995, 11.9819

Sweetspot

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



14.8264, 18.8002, 25.4019



34.6454, 38.7273, 45.3875



12.5071, 18.9519, 9.8611



7.6666, 8.6373, 10.2158



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.



14.8264, 18.8002, 25.4019



24.1441, 31.6982, 44.5842



11.4251, 11.9978, 24.2682



4.7704, 5.2164, 5.9562



10.6969, 14.9417, 23.4569



0.0394, 0.0565, 0.0821

Inverse Universe

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



16.1118, 11.2885, 22.0995



26.7707, 16.8771, 37.7173



16.2732, 16.0798, 8.3773



4.8421, 4.7565, 5.7810



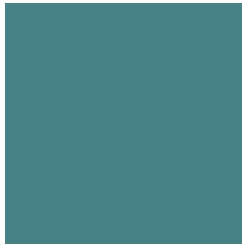
12.5774, 6.0953, 18.1449



0.0448, 0.0216, 0.0691

Previews

White Background



This preview shows how the XYZ color 14.8258, 18.7995, 25.4015 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 14.8258, 18.7995, 25.4015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

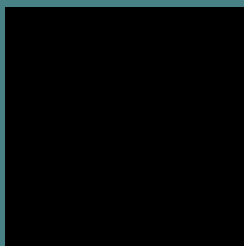
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.8258, 18.7995, 25.4015

Background



This preview shows how black text looks on a background with the XYZ color 14.8258, 18.7995, 25.4015.



This preview shows how white text looks on a background with the XYZ color 14.8258, 18.7995,

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

14.8258, 18.7995, 25.4015

Protanopia

18.1009, 18.6741, 23.0725

Deuteranopia

19.0450, 18.7397, 26.2802



Tritanopia

15.1270, 18.7189, 27.2419

Trichromacy



Original Color

14.8258, 18.7995, 25.4015

Protanomaly

16.5917, 18.6024, 23.8352

Deuteranomaly

16.9902, 18.3954, 25.9477

Tritanomaly

14.9822, 18.6610, 26.4792

Monochromacy



Original Color

14.8258, 18.7995, 25.4015

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.0850, 17.1708, 20.6084

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8258, 18.7995, 25.4015 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(72, 129, 134)` looks like.

```
.text, #text, p{  
    color:rgb(72, 129, 134)  
}
```

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(72, 129, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 129, 134) }
```

Border

The CSS property to change the border of an element to XYZ 14.8258, 18.7995, 25.4015 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(72, 129, 134) }
```


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

```
.border{ border-color:rgb(72, 129, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 129, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 129, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 129, 134);  
box-shadow:4px 4px 4px 4px rgb(72, 129,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8258, 18.7995, 25.4015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 129, 134) }
```

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

```
.background{ background-color: rgb(72, 129,  
134) }
```

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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