

Converting Colors

XYZ(14.9759, 18.2907, 25.6628)

Have a look what the booklet for
XYZ(14.9759, 18.2907, 25.6628)
contains.

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Color

**XYZ(14.9759, 18.2907,
25.6628)**

Conversions

Conversions Part 1

Format	Color
Hex	4E7E87
RGB	78, 126, 135
RGB Percent	31%, 49%, 53%
CMY	0.6941, 0.5059, 0.4706
CMYK	0.42, 0.07, 0.00, 0.47
HSL	189°, 27%, 42%
HSV	189°, 42%, 53%
XYZ	14.9759, 18.2907, 25.6628
YIQ	112.6740, -31.4970, -7.3770

Conversions

Conversions Part 2

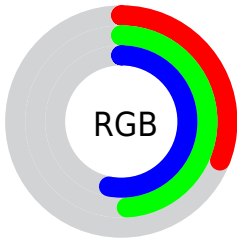
Format	Color
R_{YB}	78, 104, 135
Decimal	5144199
CIE _{Lab}	49.85, -13.77, -10.01
CIE _{LCh}	50, 17.022, 216.029
Yxy	18.2907, 0.2541, 0.3104
Android (android.graphics.Color)	4283334279 (0xFF4E7E87)
YUV	112.6740, 11.0067, -30.4091
Hunter-Lab	42.7676, -12.3382, -5.6397

Details

The XYZ color **14.9759, 18.2907, 25.6628** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.7753, 12.5175, 8.8455**, and the grayscale version is **15.5751, 16.3863, 17.8446**.

A 20% lighter version of the original color is **34.4031, 40.6169, 53.6036**, and **4.7196, 6.1832, 9.5391** is the 20% darker color. If you saturate the color by 10%, you get **13.7119, 17.2392, 25.5268**, and if you desaturate by 10%, it is **16.4739, 19.4723, 25.8122**.

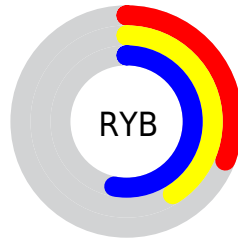
Distribution



Red (31%)

Green (49%)

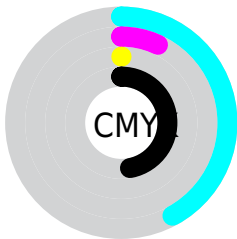
Blue (53%)



Red (31%)

Yellow (41%)

Blue (53%)

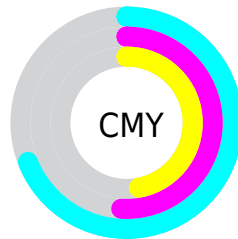


Cyan (42%)

Magenta (7%)

Yellow (0%)

Black (47%)



Cyan (69%)

Magenta (51%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9759, 18.2907, 25.6628 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 14.9759, 18.2907, 25.6628 by changing the saturation by 10% instead.

■ 14.9759, 18.2907,
25.6628

■ 14.9759, 18.2907,
25.6628

■ 216.6116,
242.5045, 294.6755

■ 8.8887, 11.1589,
16.3480

■ 34.3829, 40.5321,
53.7078

■ 4.7252, 6.1738,
9.6138

■ 48.4334, 56.4104,
73.2752

■ 2.1200, 2.9511,
5.0414

■ 65.8690, 75.9730,
97.0972

■ 0.7001, 1.1062,
2.2124

■ 87.0551, 99.6044,
125.5924

■ 0.0000, 0.0000,
0.6815

■ 112.3571,
127.6888, 159.1792

■ 0.0000, 0.0000,
0.0000

142.1402,

160.6107, 198.2764

176.7699,
198.7545, 243.3022

■ 14.9759, 18.2907,
25.6628

■ 14.9759, 18.2907,
25.6628

■ 13.7119, 17.2392,
25.5268

■ 16.4739, 19.4723,
25.8122

■ 12.6662, 16.3084,
25.4022

■ 18.2171, 20.7885,
25.9744

■ 11.8238, 15.4909,
25.2888

■ 20.2180, 22.2463,
26.1503

■ 11.1670, 14.7776,
25.1858

■ 22.4875, 23.8514,
26.3405

■ 10.6750, 14.1576,
25.0920

■ 25.0363, 25.6092,
26.5455

■ 10.3554, 13.7137,
25.0232

■ 27.8741, 27.5250,
26.7657

■ 31.0103, 29.6035,
27.0016

■ 34.4540, 31.8494,
27.2536

■ 38.2136, 34.2673,
27.5222

Harmonies

Analogous

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



14.4560, 18.2907, 20.8712



14.9759, 18.2907, 25.6628



16.1447, 18.2907, 29.2734

Triad

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



14.9759, 18.2907, 25.6628



20.4023, 18.2907, 23.7811



17.0583, 18.2907, 12.2693

Complementary

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



14.9759, 18.2907, 25.6628



14.7753, 12.5175, 8.8455

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.



18.6868, 18.2907, 12.8003



14.9759, 18.2907, 25.6628



20.6845, 18.2907, 18.9894

Square

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



14.9759, 18.2907, 25.6628



19.2902, 18.2907, 28.0739



20.0390, 18.2907, 15.0975



15.6091, 18.2907, 13.5139

Rectangle

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



14.9759, 18.2907, 25.6628



17.1690, 18.2907, 30.2552



20.0390, 18.2907, 15.0975



17.6023, 18.2907, 12.2490

Sweetspot

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



14.9765, 18.2914, 25.6632



35.8000, 39.5466, 46.7948



13.5082, 19.6288, 11.9979



8.1208, 9.0358, 10.8224



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.



14.9765, 18.2914, 25.6632



24.5714, 30.8858, 45.7149



11.8785, 12.0954, 24.6306



4.7407, 5.1571, 5.9463



9.5568, 12.6614, 23.0769



0.0373, 0.0522, 0.0813

Inverse Universe

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



16.4824, 12.1065, 21.2075



27.7406, 18.5153, 36.1934



17.5036, 17.9742, 9.7550



4.8272, 4.7505, 5.7021



12.0019, 5.8651, 15.1144



0.0437, 0.0212, 0.0634

Previews

White Background



This preview shows how the XYZ color 14.9759, 18.2907, 25.6628 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 14.9759, 18.2907, 25.6628 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 14.9759, 18.2907, 25.6628

Background



This preview shows how black text looks on a background with the XYZ color 14.9759, 18.2907, 25.6628.



This preview shows how white text looks on a background with the XYZ color 14.9759, 18.2907,

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

14.9759, 18.2907, 25.6628

Protanopia

17.6599, 18.0895, 23.3297

Deuteranopia

18.3918, 18.0607, 26.1836



Tritanopia

15.0467, 18.3190, 26.0354

Trichromacy



Original Color

14.9759, 18.2907, 25.6628

Protanomaly

16.4067, 17.9552, 24.0737

Deuteranomaly

16.8665, 17.9745, 25.8730

Tritanomaly

15.0467, 18.3190, 26.0354

Monochromacy



Original Color

14.9759, 18.2907, 25.6628

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.1852, 17.0467, 20.5792

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9759, 18.2907, 25.6628 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(78, 126, 135)` looks like.

```
.text, #text, p{  
    color:rgb(78, 126, 135)  
}
```

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(78, 126, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 126, 135) }
```

Border

The CSS property to change the border of an element to XYZ 14.9759, 18.2907, 25.6628 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(78, 126, 135) }
```


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

```
.border{ border-color:rgb(78, 126, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 126, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 126, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 126, 135);  
box-shadow:4px 4px 4px 4px rgb(78, 126,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9759, 18.2907, 25.6628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 126, 135) }
```

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

```
.background{ background-color: rgb(78, 126,  
135) }
```

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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