

Converting Colors

XYZ(14.8281, 19.0167, 23.9858)

Have a look what the booklet for
XYZ(14.8281, 19.0167, 23.9858)
contains.

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Color

**XYZ(14.8359, 19.0328,
24.0109)**

Conversions

Conversions Part 1

Format	Color
Hex	4A8282
RGB	74, 130, 130
RGB Percent	29%, 51%, 51%
CMY	0.7098, 0.4902, 0.4902
CMYK	0.43, 0.00, 0.00, 0.49
HSL	180°, 27%, 40%
HSV	180°, 43%, 51%
XYZ	14.8359, 19.0328, 24.0109
YIQ	113.2560, -33.3760, -11.8720

Conversions

Conversions Part 2

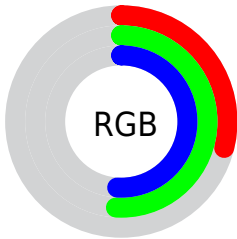
Format	Color
R_{YB}	74, 102, 130
Decimal	4883074
CIE _{Lab}	50.73, -18.40, -5.79
CIE _{LCh}	51, 19.286, 197.462
Yxy	19.0328, 0.2563, 0.3288
Android (android.graphics.Color)	4283073154 (0xFF4A8282)
YUV	113.2560, 8.2548, -34.4275
Hunter-Lab	43.6266, -15.6449, -2.0930

Details

The XYZ color **14.8359, 19.0328, 24.0109** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **12.8913, 10.1383, 7.7566**, and the grayscale version is **15.7558, 16.5763, 18.0516**.

A 20% lighter version of the original color is **34.0849, 41.7215, 51.0563**, and **4.6424, 6.4801, 8.7907** is the 20% darker color. If you saturate the color by 10%, you get **13.9368, 18.5698, 23.9691**, and if you desaturate by 10%, it is **15.9430, 19.6040, 24.0632**.

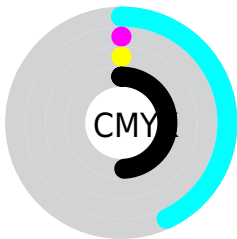
Distribution



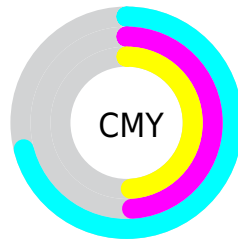
- Red (29%)
- Green (51%)
- Blue (51%)



- Red (29%)
- Yellow (40%)
- Blue (51%)



- Cyan (43%)
- Magenta (0%)
- Yellow (0%)
- Black (49%)



- Cyan (71%)
- Magenta (49%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8359, 19.0328, 24.0109 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 14.8359, 19.0328, 24.0109 by changing the saturation by 10% instead.

■ 14.8359, 19.0328,
24.0109

■ 14.8359, 19.0328,
24.0109

215.7789,
246.6298, 286.1639

■ 8.7899, 11.6940,
15.1294

■ 34.1391, 41.7895,
50.9920

■ 4.6604, 6.5357,
8.7626

■ 48.1269, 57.9762,
69.9288

■ 2.0821, 3.1734,
4.4920

■ 65.4927, 77.8810,
93.0544

■ 0.6795, 1.2229,
1.8989

■ 86.6019, 101.8882,
120.7874

■ 0.0000, 0.0803,
0.4921

■ 111.8197,
130.3823, 153.5463

■ 0.0000, 0.0000,
0.0000

141.5116,

163.7477, 191.7496

176.0429,
202.3687, 235.8160

■ 14.8359, 19.0328,
24.0109

■ 14.8359, 19.0328,
24.0109

■ 13.9368, 18.5698,
23.9691

■ 15.9430, 19.6040,
24.0632

■ 13.2312, 18.2060,
23.9360

■ 17.2681, 20.2871,
24.1254

■ 12.7054, 17.9349,
23.9113

■ 18.8227, 21.0885,
24.1982

■ 12.3431, 17.7482,
23.8942

■ 20.6170, 22.0135,
24.2823

■ 12.1248, 17.6357,
23.8839

■ 22.6604, 23.0669,
24.3780

■ 12.0122, 17.5776,
23.8786

■ 24.9619, 24.2534,
24.4858

■ 27.5302, 25.5774,
24.6061

■ 30.3734, 27.0431,
24.7393

■ 33.4993, 28.6546,
24.8857

Harmonies

Analogous

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



14.7651, 19.0328, 18.5422



14.8359, 19.0328, 24.0109



15.7395, 19.0328, 29.3907

Triad

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



14.8359, 19.0328, 24.0109



20.9063, 19.0328, 28.5988



18.8917, 19.0328, 12.1236

Complementary

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



14.8359, 19.0328, 24.0109



12.8913, 10.1383, 7.7566

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.



20.6638, 19.0328, 13.9535



14.8359, 19.0328, 24.0109



21.8802, 19.0328, 23.0695

Square

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



14.8359, 19.0328, 24.0109



19.2042, 19.0328, 32.3404



21.7884, 19.0328, 17.7507



17.0199, 19.0328, 12.2865

Rectangle

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



14.8359, 19.0328, 24.0109



16.7307, 19.0328, 31.9174



21.7884, 19.0328, 17.7507



19.5212, 19.0328, 12.5106

Sweetspot

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



14.8365, 19.0335, 24.0113



33.0830, 37.1041, 42.6104



12.1156, 17.9536, 9.3057



7.3636, 8.3342, 9.6388



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



14.8365, 19.0335, 24.0113



24.5286, 32.6942, 42.2093



11.6974, 12.7553, 22.9654



4.4464, 4.8869, 5.5222



11.5174, 16.8535, 22.8950



0.0000, 0.0000, 0.0000

Inverse Universe

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



12.8913, 10.1383, 7.7566



20.6160, 14.8015, 9.5130



15.1027, 14.5612, 8.4935



4.3278, 4.3443, 4.5306



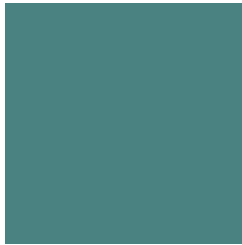
8.8271, 4.5505, 0.4132



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.8359, 19.0328, 24.0109 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 14.8359, 19.0328, 24.0109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

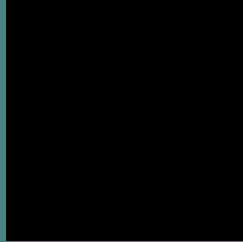
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.8359, 19.0328, 24.0109

Background



This preview shows how black text looks on a background with the XYZ color 14.8359, 19.0328, 24.0109.



This preview shows how white text looks on a background with the XYZ color 14.8359, 19.0328,

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

14.8359, 19.0328, 24.0109

Protanopia

18.2397, 18.9531, 21.7658

Deuteranopia

19.1991, 18.8517, 24.8171



Tritanopia

15.5710, 19.1424, 27.3003

Trichromacy



Original Color

14.8359, 19.0328, 24.0109

Protanomaly

16.6825, 18.8647, 22.5007

Deuteranomaly

17.1878, 18.7108, 24.5354

Tritanomaly

15.2747, 19.0146, 26.1577

Monochromacy



Original Color

14.8359, 19.0328, 24.0109

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.0722, 17.1782, 19.9741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8359, 19.0328, 24.0109 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(74, 130, 130)` looks like.

```
.text, #text, p{  
    color:rgb(74, 130, 130)  
}
```

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(74, 130, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 130, 130) }
```

Border

The CSS property to change the border of an element to XYZ 14.8359, 19.0328, 24.0109 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(74, 130, 130) }
```


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

```
.border{ border-color:rgb(74, 130, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 130, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 130, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 130, 130);  
box-shadow:4px 4px 4px 4px rgb(74, 130,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8359, 19.0328, 24.0109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 130, 130) }
```

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

```
.background{ background-color: rgb(74, 130,  
130) }
```

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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