

Converting Colors

XYZ(14.8010, 18.9692, 24.4411)

Have a look what the booklet for
XYZ(14.8010, 18.9692, 24.4411)
contains.

XYZ(14.8270, 19.0204, 24.3626)	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(14.8270, 19.0204,
24.3626)**

Conversions

Conversions Part 1

Format	Color
Hex	498283
RGB	73, 130, 131
RGB Percent	29%, 51%, 51%
CMY	0.7137, 0.4902, 0.4863
CMYK	0.44, 0.01, 0.00, 0.49
HSL	181°, 28%, 40%
HSV	181°, 44%, 51%
XYZ	14.8270, 19.0204, 24.3626
YIQ	113.0710, -34.2930, -11.7730

Conversions

Conversions Part 2

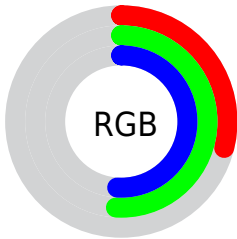
Format	Color
R_{YB}	73, 102, 131
Decimal	4817539
CIE _{Lab}	50.71, -18.39, -6.40
CIE _{LCh}	51, 19.471, 199.188
Yxy	19.0204, 0.2547, 0.3268
Android (android.graphics.Color)	4283007619 (0xFF498283)
YUV	113.0710, 8.8390, -35.1423
Hunter-Lab	43.6124, -15.6366, -2.5917

Details

The XYZ color **14.8270, 19.0204, 24.3626** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **13.0118, 10.2042, 7.5875**, and the grayscale version is **15.6994, 16.5170, 17.9870**.

A 20% lighter version of the original color is **34.0427, 41.6876, 51.5997**, and **4.6411, 6.4751, 8.9879** is the 20% darker color. If you saturate the color by 10%, you get **13.9073, 18.5022, 24.3114**, and if you desaturate by 10%, it is **15.9570, 19.6480, 24.4245**.

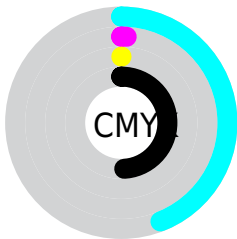
Distribution



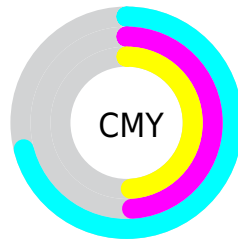
- Red (29%)
- Green (51%)
- Blue (51%)



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



- Cyan (44%)
- Magenta (1%)
- Yellow (0%)
- Black (49%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8270, 19.0204, 24.3626 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 14.8270, 19.0204, 24.3626 by changing the saturation by 10% instead.

■ 14.8270, 19.0204,
24.3626

■ 14.8270, 19.0204,
24.3626

215.7259,
246.5614, 287.9939

■ 8.7836, 11.6850,
15.3881

■ 34.1236, 41.7686,
51.5725

■ 4.6563, 6.5296,
8.9426

■ 48.1074, 57.9501,
70.6450

■ 2.0797, 3.1697,
4.6075

■ 65.4688, 77.8492,
93.9206

■ 0.6781, 1.2210,
1.9642

■ 86.5730, 101.8503,
121.8178

■ 0.0000, 0.0787,
0.5331

■ 111.7855,
130.3376, 154.7553

■ 0.0000, 0.0000,
0.0000

141.4716,

163.6956, 193.1514

175.9966,
202.3087, 237.4248

■ 14.8270, 19.0204,
24.3626

■ 14.8270, 19.0204,
24.3626

■ 13.9073, 18.5022,
24.3114

■ 15.9570, 19.6480,
24.4245

■ 13.1830, 18.0845,
24.2689

■ 17.3076, 20.3890,
24.4963

■ 12.6399, 17.7602,
24.2350

■ 18.8907, 21.2499,
24.5791

■ 12.2611, 17.5207,
24.2087

■ 20.7167, 22.2361,
24.6732

■ 12.0244, 17.3545,
24.1891

■ 22.7952, 23.3526,
24.7792

■ 11.9135, 17.2722,
24.1790

■ 25.1357, 24.6042,
24.8974

■ 27.7468, 25.9955,
25.0283

■ 30.6369, 27.5307,
25.1723

■ 33.8140, 29.2139,
25.3297

Harmonies

Analogous

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



14.7057, 19.0204, 18.7990



14.8270, 19.0204, 24.3626



15.7827, 19.0204, 29.7337

Triad

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



14.8270, 19.0204, 24.3626



21.0027, 19.0204, 28.3727



18.7760, 19.0204, 12.0017

Complementary

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



14.8270, 19.0204, 24.3626



13.0118, 10.2042, 7.5875

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.



20.5863, 19.0204, 13.7261



14.8270, 19.0204, 24.3626



21.9308, 19.0204, 22.7463

Square

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



14.8270, 19.0204, 24.3626



19.3124, 19.0204, 32.3160



21.7733, 19.0204, 17.4420



16.8980, 19.0204, 12.2802

Rectangle

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



14.8270, 19.0204, 24.3626



16.8046, 19.0204, 32.1789



21.7733, 19.0204, 17.4420



19.4148, 19.0204, 12.3523

Sweetspot

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



14.8276, 19.0211, 24.3630



34.1277, 38.2153, 44.0307



12.0993, 18.1434, 9.3374



7.8074, 8.8224, 10.2441



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.



14.8276, 19.0211, 24.3630



24.9121, 33.1373, 43.5363



11.5017, 12.3694, 23.2544



4.7949, 5.2655, 5.9644



11.7271, 17.0020, 23.8003



0.0412, 0.0600, 0.0826

Inverse Universe

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



15.7723, 11.2025, 22.4509



26.8413, 17.2979, 39.6035



15.4100, 15.0006, 8.3870



4.8545, 4.7615, 5.8462



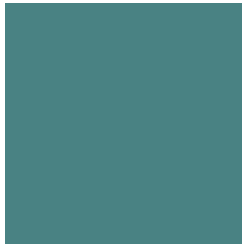
13.0974, 6.3033, 20.8831



0.0456, 0.0219, 0.0738

Previews

White Background



This preview shows how the XYZ color 14.8270, 19.0204, 24.3626 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 14.8270, 19.0204, 24.3626 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

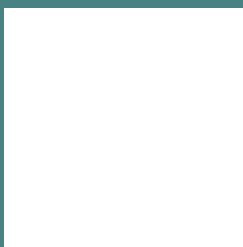
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.8270, 19.0204, 24.3626

Background



This preview shows how black text looks on a background with the XYZ color 14.8270, 19.0204, 24.3626.

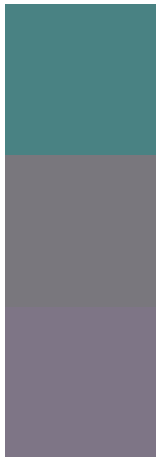


This preview shows how white text looks on a background with the XYZ color 14.8270, 19.0204,

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

14.8270, 19.0204, 24.3626

Protanopia

18.1837, 18.7393, 22.0607

Deuteranopia

19.2686, 18.8794, 25.1828



Tritanopia

15.4121, 19.0604, 27.2928

Trichromacy



Original Color

14.8270, 19.0204, 24.3626

Protanomaly

16.6226, 18.6413, 22.8007

Deuteranomaly

17.2566, 18.7383, 24.8976

Tritanomaly

15.1182, 18.9339, 26.1504

Monochromacy



Original Color

14.8270, 19.0204, 24.3626

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.0240, 17.1464, 20.2870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8270, 19.0204, 24.3626 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(73, 130, 131)` looks like.

```
.text, #text, p{  
  color:rgb(73, 130, 131)  
}
```

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(73, 130, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 130, 131) }
```

Border

The CSS property to change the border of an element to XYZ 14.8270, 19.0204, 24.3626 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(73, 130, 131) }
```


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

```
.border{ border-color:rgb(73, 130, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 130, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 130, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 130, 131);  
box-shadow:4px 4px 4px 4px rgb(73, 130,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8270, 19.0204, 24.3626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 130, 131) }
```

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

```
.background{ background-color: rgb(73, 130,  
131) }
```

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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