

Converting Colors

XYZ(14.7218, 18.8096, 24.2919)

Have a look what the booklet for
XYZ(14.7218, 18.8096, 24.2919)
contains.

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Color

**XYZ(14.6946, 18.7557,
24.3184)**

Conversions

Conversions Part 1

Format	Color
Hex	498183
RGB	73, 129, 131
RGB Percent	29%, 51%, 51%
CMY	0.7137, 0.4941, 0.4863
CMYK	0.44, 0.02, 0.00, 0.49
HSL	182°, 28%, 40%
HSV	182°, 44%, 51%
XYZ	14.6946, 18.7557, 24.3184
YIQ	112.4840, -34.0180, -11.2500

Conversions

Conversions Part 2

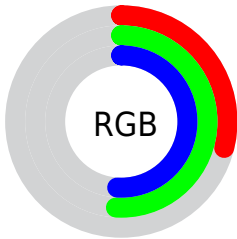
Format	Color
R_{YB}	73, 101, 131
Decimal	4817283
CIE Lab	50.40, -17.85, -6.86
CIE LCh	50, 19.126, 201.025
Yxy	18.7557, 0.2544, 0.3247
Android (android.graphics.Color)	4283007363 (0xFF498183)
YUV	112.4840, 9.1284, -34.6275
Hunter-Lab	43.3079, -15.2227, -2.9773

Details

The XYZ color **14.6946, 18.7557, 24.3184** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **13.0789, 10.3386, 7.6098**, and the grayscale version is **15.5250, 16.3335, 17.7872**.

A 20% lighter version of the original color is **33.8371, 41.2766, 51.5312**, and **4.6411, 6.4751, 8.9879** is the 20% darker color. If you saturate the color by 10%, you get **13.7456, 18.1788, 24.2574**, and if you desaturate by 10%, it is **15.8541, 19.4423, 24.3901**.

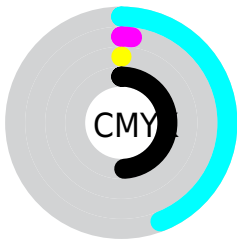
Distribution



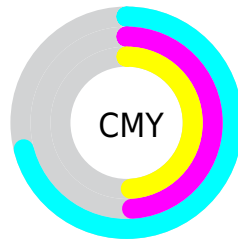
- Red (29%)
- Green (51%)
- Blue (51%)



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



- Cyan (44%)
- Magenta (2%)
- Yellow (0%)
- Black (49%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6946, 18.7557, 24.3184 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 14.6946, 18.7557, 24.3184 by changing the saturation by 10% instead.

■ 14.6946, 18.7557,
24.3184

■ 14.6946, 18.7557,
24.3184

214.9354,
245.0968, 287.7645

■ 8.6902, 11.4939,
15.3556

■ 33.8926, 41.3209,
51.4996

■ 4.5952, 6.4001,
8.9199

■ 47.8169, 57.3930,
70.5551

■ 2.0441, 3.0898,
4.5929

■ 65.1120, 77.1708,
93.8119

■ 0.6585, 1.1788,
1.9559

■ 86.1431, 101.0385,
121.6886

■ 0.0000, 0.0443,
0.5280

■ 111.2757,
129.3805, 154.6036

■ 0.0000, 0.0000,
0.0000

140.8750,

162.5813, 192.9756

175.3065,
201.0253, 237.2230

■ 14.6946, 18.7557,
24.3184

■ 14.6946, 18.7557,
24.3184

■ 13.7456, 18.1788,
24.2574

■ 15.8541, 19.4423,
24.3901

■ 12.9922, 17.7028,
24.2052

■ 17.2345, 20.2428,
24.4719

■ 12.4201, 17.3206,
24.1616

■ 18.8475, 21.1636,
24.5646

■ 12.0125, 17.0236,
24.1258

■ 20.7036, 22.2100,
24.6688

■ 11.7473, 16.8003,
24.0966

■ 22.8124, 23.3872,
24.7848

■ 11.6201, 16.6854,
24.0812

■ 25.1834, 24.6999,
24.9133

■ 27.8252, 26.1526,
25.0544

■ 30.7462, 27.7497,
25.2087

■ 33.9545, 29.4952,
25.3765

Harmonies

Analogous

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



14.5246, 18.7557, 18.8663



14.6946, 18.7557, 24.3184



15.6720, 18.7557, 29.4570

Triad

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



14.6946, 18.7557, 24.3184



20.7519, 18.7557, 27.5596



18.3901, 18.7557, 11.8885

Complementary

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



14.6946, 18.7557, 24.3184



13.0789, 10.3386, 7.6098

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.



20.1704, 18.7557, 13.4535



14.6946, 18.7557, 24.3184



21.5949, 18.7557, 22.0604

Square

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



14.6946, 18.7557, 24.3184



19.1399, 18.7557, 31.5427



21.3750, 18.7557, 16.9653



16.5750, 18.7557, 12.2804

Rectangle

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



14.6946, 18.7557, 24.3184



16.6898, 18.7557, 31.7104



21.3750, 18.7557, 16.9653



19.0142, 18.7557, 12.1914

Sweetspot

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



14.6952, 18.7564, 24.3188



34.0558, 38.0715, 44.0068



12.1320, 18.1564, 9.5101



7.7883, 8.7841, 10.2377



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.



14.6952, 18.7564, 24.3188



24.6229, 32.5589, 43.4399



11.4083, 12.1826, 23.2232



4.7882, 5.2521, 5.9621



11.4385, 16.4249, 23.7041



0.0407, 0.0590, 0.0825

Inverse Universe

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



15.7055, 11.1757, 22.0991



26.6953, 17.2395, 38.8347



15.5066, 15.1939, 8.4190



4.8511, 4.7601, 5.8284



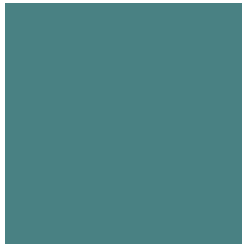
12.9518, 6.2450, 20.1161



0.0454, 0.0219, 0.0725

Previews

White Background



This preview shows how the XYZ color 14.6946, 18.7557, 24.3184 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 14.6946, 18.7557, 24.3184 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 14.6946, 18.7557, 24.3184

Background



This preview shows how black text looks on a background with the XYZ color 14.6946, 18.7557, 24.3184.



This preview shows how white text looks on a background with the XYZ color 14.6946, 18.7557,

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

14.6946, 18.7557, 24.3184

Protanopia

18.0442, 18.6674, 22.0542

Deuteranopia

18.8606, 18.4971, 25.1305



Tritanopia

15.2083, 18.7692, 26.8660

Trichromacy



Original Color

14.6946, 18.7557, 24.3184

Protanomaly

16.5072, 18.5818, 22.7953

Deuteranomaly

16.8967, 18.3715, 24.8458

Tritanomaly

14.9164, 18.6435, 25.7340

Monochromacy



Original Color

14.6946, 18.7557, 24.3184

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.8452, 16.8854, 19.9296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6946, 18.7557, 24.3184 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, 129, 131)` looks like.

```
.text, #text, p{  
    color:rgb(73, 129, 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, 129, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 129, 131) }
```

Border

The CSS property to change the border of an element to XYZ 14.6946, 18.7557, 24.3184 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, 129, 131) }
```


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

```
.border{ border-color:rgb(73, 129, 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, 129, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 129, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 129, 131);  
box-shadow:4px 4px 4px 4px rgb(73, 129,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6946, 18.7557, 24.3184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 129, 131) }
```

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

```
.background{ background-color: rgb(73, 129,  
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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