

Converting Colors

XYZ(14.2968, 17.8643, 24.1882)

Have a look what the booklet for
XYZ(14.2968, 17.8643, 24.1882)
contains.

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Color

**XYZ(14.2544, 17.7618,
24.1498)**

Conversions

Conversions Part 1

Format	Color
Hex	4A7D83
RGB	74, 125, 131
RGB Percent	29%, 49%, 51%
CMY	0.7098, 0.5098, 0.4863
CMYK	0.44, 0.05, 0.00, 0.49
HSL	186°, 28%, 40%
HSV	186°, 44%, 51%
XYZ	14.2544, 17.7618, 24.1498
YIQ	110.4350, -32.3220, -8.9460

Conversions

Conversions Part 2

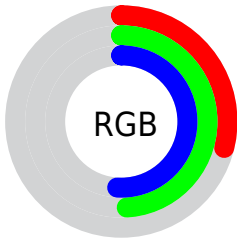
Format	Color
RYB	74, 101, 131
Decimal	4881795
CIELab	49.21, -15.41, -8.64
CIElCh	49, 17.668, 209.275
Yxy	17.7618, 0.2538, 0.3162
Android (android.graphics.Color)	4283071875 (0xFF4A7D83)
YUV	110.4350, 10.1385, -31.9535
Hunter-Lab	42.1448, -13.3802, -4.4731

Details

The XYZ color **14.2544, 17.7618, 24.1498** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **13.4650, 11.0573, 7.9036**, and the grayscale version is **14.9249, 15.7022, 17.0997**.

A 20% lighter version of the original color is **33.1763, 39.7371, 51.2689**, and **4.4167, 5.9375, 8.8959** is the 20% darker color. If you saturate the color by 10%, you get **13.1758, 16.9489, 24.0500**, and if you desaturate by 10%, it is **15.5465, 18.6892, 24.2610**.

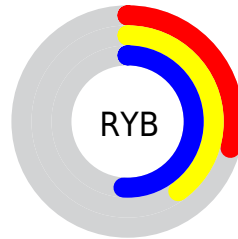
Distribution



Red (29%)

Green (49%)

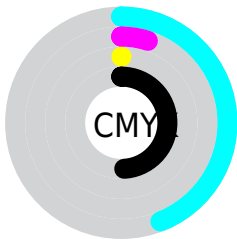
Blue (51%)



Red (29%)

Yellow (40%)

Blue (51%)

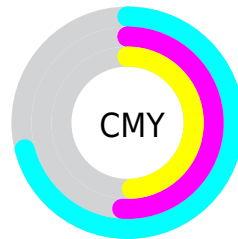


Cyan (44%)

Magenta (5%)

Yellow (0%)

Black (49%)



Cyan (71%)

Magenta (51%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2544, 17.7618, 24.1498 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 14.2544, 17.7618, 24.1498 by changing the saturation by 10% instead.

■ 14.2544, 17.7618,
24.1498

■ 14.2544, 17.7618,
24.1498

■ 212.2869,
239.5250, 286.8879

■ 8.3807, 10.7791,
15.2316

■ 33.1223, 39.6310,
51.2214

■ 4.3933, 5.9185,
8.8336

■ 46.8471, 55.2863,
70.2119

■ 1.9270, 2.7956,
4.5375

■ 63.9198, 74.6013,
93.3969

■ 0.5924, 1.0260,
1.9246

■ 84.7055, 97.9604,
121.1948

■ 0.0000, 0.0000,
0.5083

■ 109.5697,
125.7478, 154.0244

■ 0.0000, 0.0000,
0.0000

138.8778,

158.3482, 192.3041

172.9951,
196.1458, 236.4524

■ 14.2544, 17.7618,
24.1498

■ 14.2544, 17.7618,
24.1498

■ 13.1758, 16.9489,
24.0500

■ 15.5465, 18.6892,
24.2610

■ 12.2961, 16.2416,
23.9599

■ 17.0626, 19.7353,
24.3830

■ 11.6010, 15.6332,
23.8791

■ 18.8143, 20.9065,
24.5168

■ 11.0740, 15.1149,
23.8068

■ 20.8121, 22.2082,
24.6627

■ 10.6945, 14.6762,
23.7422

■ 23.0655, 23.6453,
24.8213

■ 10.4831, 14.4113,
23.7022

■ 25.5840, 25.2227,
24.9931

■ 28.3761, 26.9449,
25.1783

■ 31.4503, 28.8162,
25.3775

■ 34.8146, 30.8407,
25.5910

Harmonies

Analogous

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



13.8944, 17.7618, 19.2244



14.2544, 17.7618, 24.1498



15.3071, 17.7618, 28.2844

Triad

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



14.2544, 17.7618, 24.1498



19.7695, 17.7618, 24.3823



16.9224, 17.7618, 11.5799

Complementary

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



14.2544, 17.7618, 24.1498



13.4650, 11.0573, 7.9036

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.



18.5615, 17.7618, 12.5126



14.2544, 17.7618, 24.1498



20.2699, 17.7618, 19.4552

Square

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



14.2544, 17.7618, 24.1498



18.4873, 17.7618, 28.4333



19.8143, 17.7618, 15.2147



15.3725, 17.7618, 12.4265

Rectangle

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



14.2544, 17.7618, 24.1498



16.2965, 17.7618, 29.7530



19.8143, 17.7618, 15.2147



17.4815, 17.7618, 11.6929

Sweetspot

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



14.2549, 17.7625, 24.1502



33.7626, 37.4852, 43.9090



12.3776, 18.2636, 10.4047



7.7101, 8.6279, 10.2117



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.



14.2549, 17.7625, 24.1502



23.6492, 30.3937, 43.0733



11.1774, 11.6075, 23.1244



4.7609, 5.1974, 5.9530



10.3200, 14.1878, 23.3313



0.0387, 0.0551, 0.0818

Inverse Universe

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



15.5110, 11.2040, 20.7479



26.2571, 17.2678, 35.8991



15.9802, 16.0875, 8.7420



4.8373, 4.7546, 5.7558



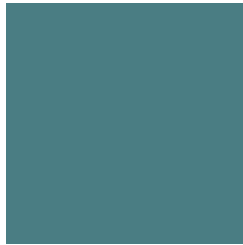
12.3872, 6.0192, 17.1431



0.0444, 0.0215, 0.0673

Previews

White Background



This preview shows how the XYZ color 14.2544, 17.7618, 24.1498 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 14.2544, 17.7618, 24.1498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

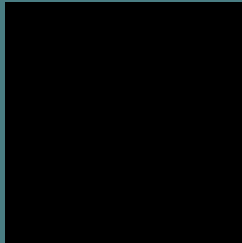
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.2544, 17.7618, 24.1498

Background



This preview shows how black text looks on a background with the XYZ color 14.2544, 17.7618, 24.1498.



This preview shows how white text looks on a background with the XYZ color 14.2544, 17.7618,

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

14.2544, 17.7618, 24.1498

Protanopia

17.1495, 17.6845, 21.9116

Deuteranopia

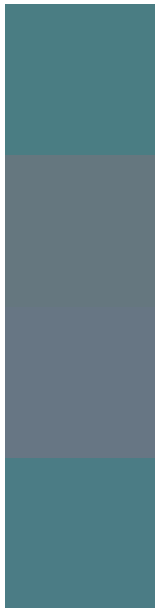
17.9967, 17.7212, 24.6623



Tritanopia

14.4124, 17.6324, 25.1980

Trichromacy



Original Color

14.2544, 17.7618, 24.1498

Protanomaly

15.7944, 17.4927, 22.6226

Deuteranomaly

16.2368, 17.5064, 24.3531

Tritanomaly

14.3429, 17.6046, 24.8324

Monochromacy



Original Color

14.2544, 17.7618, 24.1498

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.3305, 16.1109, 19.4939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2544, 17.7618, 24.1498 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, 125, 131)` looks like.

```
.text, #text, p{  
    color:rgb(74, 125, 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(74, 125, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 125, 131) }
```

Border

The CSS property to change the border of an element to XYZ 14.2544, 17.7618, 24.1498 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, 125, 131) }
```


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

```
.border{ border-color:rgb(74, 125, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 125, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 125, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 125, 131);  
box-shadow:4px 4px 4px 4px rgb(74, 125,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2544, 17.7618, 24.1498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 125, 131) }
```

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

```
.background{ background-color: rgb(74, 125,  
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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