

Converting Colors

XYZ(14.0008, 18.0107, 24.2112)

Have a look what the booklet for
XYZ(14.0008, 18.0107, 24.2112)
contains.

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Color

**XYZ(14.0008, 18.0107,
24.2112)**

Conversions

Conversions Part 1

Format	Color
Hex	437F83
RGB	67, 127, 131
RGB Percent	26%, 50%, 51%
CMY	0.7372, 0.5020, 0.4863
CMYK	0.49, 0.03, 0.00, 0.49
HSL	184°, 32%, 39%
HSV	184°, 49%, 51%
XYZ	14.0008, 18.0107, 24.2112
YIQ	109.5160, -37.0440, -11.4760

Conversions

Conversions Part 2

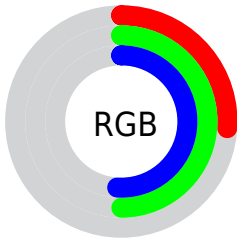
Format	Color
RYB	67, 98, 131
Decimal	4423555
CIELab	49.51, -18.30, -8.22
CIElCh	50, 20.064, 204.184
Yxy	18.0107, 0.2490, 0.3203
Android (android.graphics.Color)	4282613635 (0xFF437F83)
YUV	109.5160, 10.5916, -37.2865
Hunter-Lab	42.4390, -15.3804, -4.1173

Details

The XYZ color **14.0008, 18.0107, 24.2112** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **12.6267, 9.7372, 6.5245**, and the grayscale version is **14.6613, 15.4248, 16.7976**.

A 20% lighter version of the original color is **32.7187, 40.0963, 51.3623**, and **4.3100, 6.0902, 8.9310** is the 20% darker color. If you saturate the color by 10%, you get **13.0972, 17.3890, 24.1391**, and if you desaturate by 10%, it is **15.1095, 18.7403, 24.2939**.

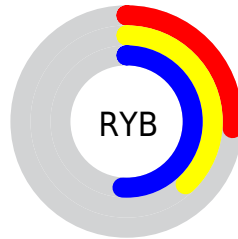
Distribution



Red (26%)

Green (50%)

Blue (51%)



Red (26%)

Yellow (38%)

Blue (51%)

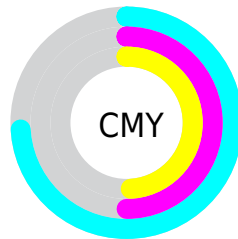


Cyan (49%)

Magenta (3%)

Yellow (0%)

Black (49%)



Cyan (74%)

Magenta (50%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0008, 18.0107, 24.2112 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 14.0008, 18.0107, 24.2112 by changing the saturation by 10% instead.

■ 14.0008, 18.0107,
24.2112

■ 14.0008, 18.0107,
24.2112

210.7463,
240.9313, 287.2074

■ 8.2029, 10.9577,
15.2767

■ 32.6767, 40.0556,
51.3228

■ 4.2780, 6.0384,
8.8650

■ 46.2854, 55.8162,
70.3369

■ 1.8606, 2.8684,
4.5577

■ 63.2285, 75.2481,
93.5481

■ 0.5538, 1.0634,
1.9360

■ 83.8713, 98.7358,
121.3748

■ 0.0000, 0.0000,
0.5155

■ 108.5791,
126.6635, 154.2355

■ 0.0000, 0.0000,
0.0000

137.7173,

159.4158, 192.5488

171.6512,
197.3769, 236.7332

■ 14.0008, 18.0107,
24.2112

■ 14.0008, 18.0107,
24.2112

■ 13.0972, 17.3890,
24.1391

■ 15.1095, 18.7403,
24.2939

■ 12.3833, 16.8659,
24.0758

■ 16.4343, 19.5821,
24.3866

■ 11.8439, 16.4341,
24.0209

■ 17.9874, 20.5428,
24.4902

■ 11.4610, 16.0842,
23.9735

■ 19.7793, 21.6280,
24.6052

■ 11.1873, 15.7919,
23.9315

■ 21.8204, 22.8429,
24.7321

■ 11.1569, 15.7590,
23.9268

■ 24.1199, 24.1924,
24.8714

■ 26.6869, 25.6810,
25.0234

■ 29.5299, 27.3132,
25.1886

■ 32.6571, 29.0932,
25.3674

Harmonies

Analogous

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



13.7388, 18.0107, 18.5705



14.0008, 18.0107, 24.2112



15.0707, 18.0107, 29.3648

Triad

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



14.0008, 18.0107, 24.2112



20.2516, 18.0107, 26.3842



17.4911, 18.0107, 10.9425

Complementary

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



14.0008, 18.0107, 24.2112



12.6267, 9.7372, 6.5245

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.



19.3441, 18.0107, 12.2980



14.0008, 18.0107, 24.2112



21.0118, 18.0107, 20.6888

Square

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



14.0008, 18.0107, 24.2112



18.6575, 18.0107, 30.7729



20.6680, 18.0107, 15.6331



15.6668, 18.0107, 11.5383

Rectangle

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



14.0008, 18.0107, 24.2112



16.1432, 18.0107, 31.4826



20.6680, 18.0107, 15.6331



18.1326, 18.0107, 11.1759

Sweetspot

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



14.0013, 18.0114, 24.2116



33.2870, 37.4431, 43.9260



11.5432, 17.8710, 8.6689



7.6194, 8.6381, 10.2184



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.



14.0013, 18.0114, 24.2116



23.2401, 30.9873, 43.2094



10.5765, 11.1617, 23.0700



4.7774, 5.2304, 5.9585



10.9829, 15.5136, 23.5523



0.0399, 0.0575, 0.0822

Inverse Universe

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



15.1984, 10.3723, 21.2804



25.7059, 15.7278, 37.0647



15.1446, 14.7730, 7.3638



4.8457, 4.7579, 5.7996



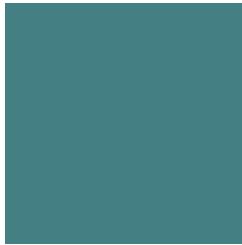
12.7218, 6.1530, 18.9050



0.0450, 0.0217, 0.0705

Previews

White Background



This preview shows how the XYZ color 14.0008, 18.0107, 24.2112 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 14.0008, 18.0107, 24.2112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

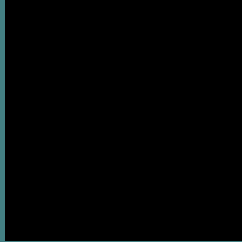
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.0008, 18.0107, 24.2112

Background



This preview shows how black text looks on a background with the XYZ color 14.0008, 18.0107, 24.2112.



This preview shows how white text looks on a background with the XYZ color 14.0008, 18.0107,

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

14.0008, 18.0107, 24.2112

Protanopia

17.2196, 17.7279, 21.5830

Deuteranopia

18.2055, 17.8208, 25.0345



Tritanopia

14.3590, 17.9645, 26.0032

Trichromacy



Original Color

14.0008, 18.0107, 24.2112

Protanomaly

15.6928, 17.6179, 22.6522

Deuteranomaly

16.1973, 17.6538, 24.7441

Tritanomaly

14.1478, 17.8719, 25.2582

Monochromacy



Original Color

14.0008, 18.0107, 24.2112

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.1315, 16.1785, 19.5175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0008, 18.0107, 24.2112 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(67, 127, 131)` looks like.

```
.text, #text, p{  
    color:rgb(67, 127, 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(67, 127, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 127, 131) }
```

Border

The CSS property to change the border of an element to XYZ 14.0008, 18.0107, 24.2112 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(67, 127, 131) }
```


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

```
.border{ border-color:rgb(67, 127, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 127, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 127, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 127, 131);  
box-shadow:4px 4px 4px 4px rgb(67, 127,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0008, 18.0107, 24.2112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 127, 131) }
```

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

```
.background{ background-color: rgb(67, 127,  
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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