

Converting Colors

XYZ(14.8244, 21.4180, 28.3239)

Have a look what the booklet for
XYZ(14.8244, 21.4180, 28.3239)
contains.

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Color

**XYZ(14.8075, 21.4461,
28.1700)**

Conversions

Conversions Part 1

Format	Color
Hex	198E8C
RGB	25, 142, 140
RGB Percent	10%, 56%, 55%
CMY	0.9019, 0.4431, 0.4510
CMYK	0.82, 0.00, 0.01, 0.44
HSL	179°, 70%, 33%
HSV	179°, 82%, 56%
XYZ	14.8075, 21.4461, 28.1700
YIQ	106.7890, -69.0900, -25.4260

Conversions

Conversions Part 2

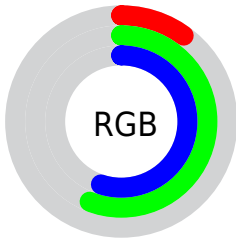
Format	Color
R_{YB}	25, 84, 142
Decimal	1674892
CIE _{Lab}	53.43, -30.25, -7.73
CIE _{LCh}	53, 31.216, 194.329
Yxy	21.4461, 0.2298, 0.3329
Android (android.graphics.Color)	4279864972 (0xFF198E8C)
YUV	106.7890, 16.3730, -71.7290
Hunter-Lab	46.3099, -23.9674, -3.6487

Details

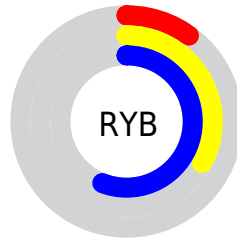
The XYZ color **14.8075, 21.4461, 28.1700** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **11.7015, 6.5258, 1.6804**, and the grayscale version is **13.8876, 14.6108, 15.9112**.

A 20% lighter version of the original color is **33.9817, 45.7098, 57.4839**, and **5.5865, 8.2204, 10.9651** is the 20% darker color. If you saturate the color by 10%, you get **14.5246, 21.3028, 28.0638**, and if you desaturate by 10%, it is **15.2696, 21.6827, 28.2857**.

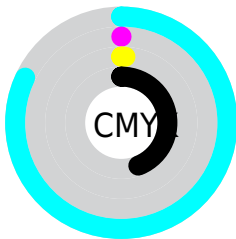
Distribution



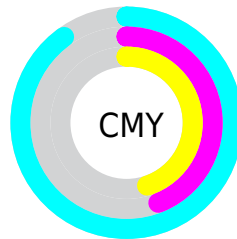
- Red (10%)
- Green (56%)
- Blue (55%)



- Red (10%)
- Yellow (33%)
- Blue (56%)



- Cyan (82%)
- Magenta (0%)
- Yellow (1%)
- Black (44%)



- Cyan (90%)
- Magenta (44%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8075, 21.4461, 28.1700 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 14.8075, 21.4461, 28.1700 by changing the saturation by 10% instead.

■ 14.8075, 21.4461,
28.1700

■ 14.8075, 21.4461,
28.1700

■ 215.6097,
259.6399, 307.2158

■ 8.7698, 13.4505,
18.2137

■ 34.0896, 45.8288,
57.7821

■ 4.6473, 7.7395,
10.9325

■ 48.0647, 62.9847,
78.2750

■ 2.0744, 3.9287,
5.9079

■ 65.4163, 83.9627,
103.1171

■ 0.6753, 1.6338,
2.7212

■ 86.5098, 109.1474,
132.7271

■ 0.0000, 0.3802,
0.9541

■ 111.7105,
138.9230, 167.5234

■ 0.0000, 0.0000,
0.0000

■ 141.3838,

173.6741, 207.9246

175.8951,
213.7849, 254.3492

■ 14.8075, 21.4461,
28.1700

■ 14.8075, 21.4461,
28.1700

■ 14.5246, 21.3028,
28.0638

■ 15.2696, 21.6827,
28.2857

■ 14.3755, 21.2275,
27.9859

■ 15.9328, 22.0225,
28.4106

■ 16.8177, 22.4766,
28.5460

■ 17.9422, 23.0542,
28.6929

■ 19.3220, 23.7635,
28.8519

■ 20.9719, 24.6119,
29.0237

■ 22.9051, 25.6064,
29.2090

■ 25.1342, 26.7535,
29.4084

■ 27.6711, 28.0592,
29.6224

Harmonies

Analogous

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



14.8388, 21.4461, 18.7563



14.8075, 21.4461, 28.1700



16.1532, 21.4461, 38.5827

Triad

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



14.8075, 21.4461, 28.1700



25.1736, 21.4461, 39.0072



22.1557, 21.4461, 9.8094

Complementary

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



14.8075, 21.4461, 28.1700



11.7015, 6.5258, 1.6804

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.



25.2954, 21.4461, 12.7712



14.8075, 21.4461, 28.1700



27.1624, 21.4461, 28.6410

Square

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



14.8075, 21.4461, 28.1700



22.0035, 21.4461, 45.8979



27.2093, 21.4461, 19.1158



18.8457, 21.4461, 9.7474

Rectangle

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



14.8075, 21.4461, 28.1700



17.7437, 21.4461, 43.9875



27.2093, 21.4461, 19.1158



23.2737, 21.4461, 10.4535

Sweetspot

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



14.8081, 21.4469, 28.1705



36.0172, 42.9039, 51.0818



10.3530, 19.6767, 4.1726



7.8437, 9.4794, 11.3884



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



14.8081, 21.4469, 28.1705



25.3688, 37.4422, 49.3327



8.7249, 9.0421, 26.8775



5.5563, 6.1148, 6.8955



12.9074, 19.0588, 25.1302



0.1242, 0.1825, 0.2446

Inverse Universe

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



11.7015, 6.5258, 1.6804



19.7185, 10.1917, 1.0699



14.1712, 11.5010, 2.3932



5.4124, 5.4255, 5.6697



10.0285, 5.1684, 0.5354



0.0965, 0.0497, 0.0083

Previews

White Background



This preview shows how the XYZ color 14.8075, 21.4461, 28.1700 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 14.8075, 21.4461, 28.1700 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 14.8075, 21.4461, 28.1700

Background



This preview shows how black text looks on a background with the XYZ color 14.8075, 21.4461, 28.1700.



This preview shows how white text looks on a background with the XYZ color 14.8075, 21.4461,

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

14.8075, 21.4461, 28.1700

Protanopia

20.3922, 21.1226, 24.1214

Deuteranopia

21.6018, 21.2542, 29.3495



Tritanopia

15.7731, 21.3982, 33.0047

Trichromacy



Original Color

14.8075, 21.4461, 28.1700

Protanomaly

16.8687, 20.4479, 25.6120

Deuteranomaly

17.4879, 20.4911, 29.0201

Tritanomaly

15.4658, 21.4949, 31.3508

Monochromacy



Original Color

14.8075, 21.4461, 28.1700

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

13.1068, 16.3426, 19.9164

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8075, 21.4461, 28.1700 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(25, 142, 140)` looks like.

```
.text, #text, p{  
    color:rgb(25, 142, 140)  
}
```

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(25, 142, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 142, 140) }
```

Border

The CSS property to change the border of an element to XYZ 14.8075, 21.4461, 28.1700 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(25, 142, 140) }
```


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

```
.border{ border-color:rgb(25, 142, 140) }
```

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

Here you see how a box with a 4 pixel rgb(25, 142, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 142, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 142, 140);  
box-shadow:4px 4px 4px 4px rgb(25, 142,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8075, 21.4461, 28.1700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 142, 140) }
```

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

```
.background{ background-color: rgb(25, 142,  
140) }
```

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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