

Converting Colors

XYZ(14.7868, 19.9493, 25.9372)

Have a look what the booklet for
XYZ(14.7868, 19.9493, 25.9372)
contains.

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Color

**XYZ(14.8408, 20.0070,
26.0012)**

Conversions

Conversions Part 1

Format	Color
Hex	3B8787
RGB	59, 135, 135
RGB Percent	23%, 53%, 53%
CMY	0.7686, 0.4706, 0.4706
CMYK	0.56, 0.00, 0.00, 0.47
HSL	180°, 39%, 38%
HSV	180°, 56%, 53%
XYZ	14.8408, 20.0070, 26.0012
YIQ	112.2760, -45.2960, -16.1120

Conversions

Conversions Part 2

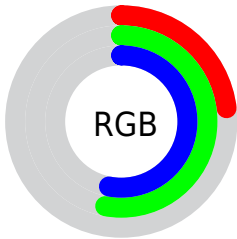
Format	Color
RYB	59, 97, 135
Decimal	3901319
CIELab	51.85, -23.19, -7.11
CIELCh	52, 24.258, 197.037
Yxy	20.0070, 0.2439, 0.3288
Android (android.graphics.Color)	4282091399 (0xFF3B8787)
YUV	112.2760, 11.2029, -46.7231
Hunter-Lab	44.7292, -19.0511, -3.1550

Details

The XYZ color **14.8408, 20.0070, 26.0012** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **12.3458, 8.5953, 5.1468**, and the grayscale version is **15.4604, 16.2655, 17.7132**.

A 20% lighter version of the original color is **34.2141, 43.6034, 54.1900**, and **4.8882, 7.1529, 9.7173** is the 20% darker color. If you saturate the color by 10%, you get **14.1420, 19.6472, 25.9689**, and if you desaturate by 10%, it is **15.7478, 20.4750, 26.0442**.

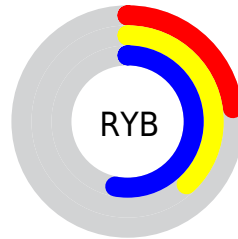
Distribution



Red (23%)

Green (53%)

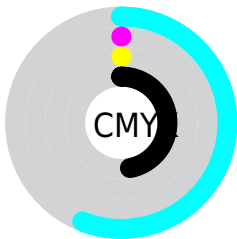
Blue (53%)



Red (23%)

Yellow (38%)

Blue (53%)

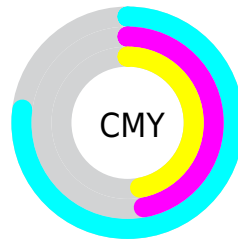


Cyan (56%)

Magenta (0%)

Yellow (0%)

Black (47%)



Cyan (77%)

Magenta (47%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8408, 20.0070, 26.0012 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 14.8408, 20.0070, 26.0012 by changing the saturation by 10% instead.

■ 14.8408, 20.0070,
26.0012

■ 14.8408, 20.0070,
26.0012

215.8081,
251.9530, 296.3936

■ 8.7933, 12.4001,
16.5988

■ 34.1476, 43.4289,
54.2610

■ 4.6626, 7.0168,
9.7899

■ 48.1376, 60.0128,
73.9554

■ 2.0834, 3.4726,
5.1561

■ 65.5059, 80.3577,
97.9176

■ 0.6802, 1.3832,
2.2788

■ 86.6178, 104.8482,
126.5661

■ 0.0000, 0.2043,
0.7193

■ 111.8386,
133.8685, 160.3194

■ 0.0000, 0.0000,
0.0000

141.5336,

167.8032, 199.5960

176.0684,
207.0366, 244.8146

■ 14.8408, 20.0070,
26.0012

■ 14.8408, 20.0070,
26.0012

■ 14.1420, 19.6472,
25.9689

■ 15.7478, 20.4750,
26.0442

■ 13.6333, 19.3850,
25.9450

■ 16.8757, 21.0565,
26.0970

■ 13.2964, 19.2113,
25.9291

■ 18.2385, 21.7590,
26.1609

■ 13.1001, 19.1101,
25.9199

■ 19.8483, 22.5889,
26.2363

■ 13.0374, 19.0778,
25.9169

■ 21.7165, 23.5520,
26.3238

■ 23.8538, 24.6538,
26.4239

■ 26.2702, 25.8995,
26.5371

■ 28.9753, 27.2940,
26.6637

■ 31.9781, 28.8421,
26.8043

Harmonies

Analogous

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



14.7671, 20.0070, 18.8832



14.8408, 20.0070, 26.0012



15.9698, 20.0070, 33.2834

Triad

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



14.8408, 20.0070, 26.0012



22.6936, 20.0070, 32.3879



20.0975, 20.0070, 11.0661

Complementary

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



14.8408, 20.0070, 26.0012



12.3458, 8.5953, 5.1468

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.



22.4270, 20.0070, 13.2953



14.8408, 20.0070, 26.0012



24.0106, 20.0070, 24.9681

Square

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



14.8408, 20.0070, 26.0012



20.4365, 20.0070, 37.4816



23.9090, 20.0070, 18.0498



17.6630, 20.0070, 11.2256

Rectangle

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



14.8408, 20.0070, 26.0012



17.2289, 20.0070, 36.7977



23.9090, 20.0070, 18.0498



20.9227, 20.0070, 11.5364

Sweetspot

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



14.8414, 20.0078, 26.0017



35.2079, 40.2782, 46.9669



11.3337, 18.6135, 7.1337



8.0349, 9.2667, 10.8714



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



14.8414, 20.0078, 26.0017



24.9948, 35.0131, 46.4883



10.5702, 11.4652, 24.5783



4.8016, 5.2789, 5.9666



12.0218, 17.5916, 23.8979



0.0416, 0.0609, 0.0828

Inverse Universe

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



12.3458, 8.5953, 5.1468



20.0435, 12.3707, 5.1121



14.9404, 13.7846, 6.0115



4.6726, 4.6887, 4.8881



9.2136, 4.7498, 0.4312



0.0319, 0.0165, 0.0015

Previews

White Background



This preview shows how the XYZ color 14.8408, 20.0070, 26.0012 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 14.8408, 20.0070, 26.0012 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 14.8408, 20.0070, 26.0012

Background



This preview shows how black text looks on a background with the XYZ color 14.8408, 20.0070, 26.0012.



This preview shows how white text looks on a background with the XYZ color 14.8408, 20.0070,

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

14.8408, 20.0070, 26.0012

Protanopia

19.1025, 19.7365, 22.8814

Deuteranopia

20.2060, 19.8571, 26.8126



Tritanopia

15.6090, 20.1206, 29.4465

Trichromacy



Original Color

14.8408, 20.0070, 26.0012

Protanomaly

16.8742, 19.4998, 23.9936

Deuteranomaly

17.4425, 19.3569, 26.4839

Tritanomaly

15.3194, 19.9974, 28.2518

Monochromacy



Original Color

14.8408, 20.0070, 26.0012

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.6208, 17.1162, 20.3024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8408, 20.0070, 26.0012 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(59, 135, 135)` looks like.

```
.text, #text, p{  
    color:rgb(59, 135, 135)  
}
```

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(59, 135, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 135, 135) }
```

Border

The CSS property to change the border of an element to XYZ 14.8408, 20.0070, 26.0012 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(59, 135, 135) }
```


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

```
.border{ border-color:rgb(59, 135, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 135, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 135, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 135, 135);  
box-shadow:4px 4px 4px 4px rgb(59, 135,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8408, 20.0070, 26.0012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 135, 135) }
```

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

```
.background{ background-color: rgb(59, 135,  
135) }
```

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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