

Converting Colors

XYZ(14.7402, 19.1340, 26.2089)

Have a look what the booklet for
XYZ(14.7402, 19.1340, 26.2089)
contains.

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Color

**XYZ(14.7402, 19.1340,
26.2089)**

Conversions

Conversions Part 1

Format	Color
Hex	418388
RGB	65, 131, 136
RGB Percent	25%, 51%, 53%
CMY	0.7451, 0.4863, 0.4667
CMYK	0.52, 0.04, 0.00, 0.47
HSL	184°, 35%, 39%
HSV	184°, 52%, 53%
XYZ	14.7402, 19.1340, 26.2089
YIQ	111.8360, -40.9410, -12.4370

Conversions

Conversions Part 2

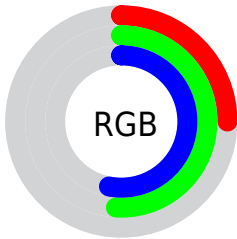
Format	Color
R _{YB}	65, 99, 136
Decimal	4293512
CIE Lab	50.84, -19.49, -9.16
CIE LCh	51, 21.534, 205.185
Yxy	19.1340, 0.2453, 0.3185
Android (android.graphics.Color)	4282483592 (0xFF418388)
YUV	111.8360, 11.9129, -41.0752
Hunter-Lab	43.7424, -16.3988, -4.9048

Details

The XYZ color **14.7402, 19.1340, 26.2089** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **13.2980, 9.9965, 6.2301**, and the grayscale version is **15.3284, 16.1266, 17.5619**.

A 20% lighter version of the original color is **33.9335, 41.8770, 54.4387**, and **4.6221, 6.5567, 9.8261** is the 20% darker color. If you saturate the color by 10%, you get **13.8182, 18.4691, 26.1295**, and if you desaturate by 10%, it is **15.8813, 19.9145, 26.2998**.

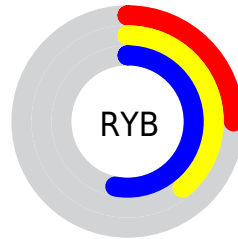
Distribution



Red (25%)

Green (51%)

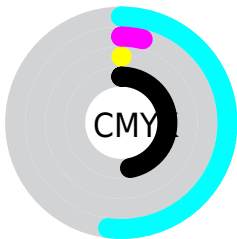
Blue (53%)



Red (25%)

Yellow (39%)

Blue (53%)

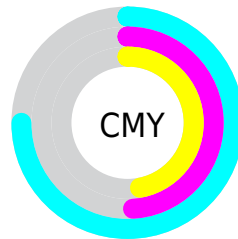


Cyan (52%)

Magenta (4%)

Yellow (0%)

Black (47%)



Cyan (75%)

Magenta (49%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7402, 19.1340, 26.2089 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 14.7402, 19.1340, 26.2089 by changing the saturation by 10% instead.

■ 14.7402, 19.1340,
26.2089

■ 14.7402, 19.1340,
26.2089

215.2080,
247.1875, 297.4441

■ 8.7224, 11.7671,
16.7528

■ 33.9722, 41.9604,
54.6000

■ 4.6162, 6.5853,
9.8983

■ 47.9170, 58.1887,
74.3721

■ 2.0563, 3.2041,
5.2269

■ 65.2350, 78.1397,
98.4199

■ 0.6653, 1.2392,
2.3199

■ 86.2913, 102.1977,
127.1620

■ 0.0000, 0.0934,
0.7423

■ 111.4514,
130.7470, 161.0169

■ 0.0000, 0.0000,
0.0000

141.0807,

164.1722, 200.4032

175.5444,
202.8576, 245.7394

■ 14.7402, 19.1340,
26.2089

■ 14.7402, 19.1340,
26.2089

■ 13.8182, 18.4691,
26.1295

■ 15.8813, 19.9145,
26.2998

■ 13.0978, 17.9094,
26.0594

■ 17.2542, 20.8158,
26.4014

■ 12.5616, 17.4465,
25.9983

■ 18.8723, 21.8454,
26.5148

■ 12.1884, 17.0693,
25.9452

■ 20.7478, 23.0093,
26.6406

■ 11.9594, 16.8084,
25.9069

■ 22.8920, 24.3136,
26.7794

■ 25.3154, 25.7636,
26.9315

■ 28.0282, 27.3646,
27.0976

■ 31.0397, 29.1214,
27.2779

■ 34.3591, 31.0387,
27.4730

Harmonies

Analogous

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



14.4181, 19.1340, 19.8688



14.7402, 19.1340, 26.2089



15.9562, 19.1340, 31.9675

Triad

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



14.7402, 19.1340, 26.2089



21.7437, 19.1340, 28.2376



18.5307, 19.1340, 11.2289

Complementary

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



14.7402, 19.1340, 26.2089



13.2980, 9.9965, 6.2301

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.



20.6151, 19.1340, 12.6415



14.7402, 19.1340, 26.2089



22.5597, 19.1340, 21.8293

Square

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



14.7402, 19.1340, 26.2089



19.9773, 19.1340, 33.2893



22.1315, 19.1340, 16.2487



16.5057, 19.1340, 11.9519

Rectangle

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



14.7402, 19.1340, 26.2089



17.1635, 19.1340, 34.2858



22.1315, 19.1340, 16.2487



19.2490, 19.1340, 11.4603

Sweetspot

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



14.7408, 19.1347, 26.2094



35.1376, 39.6694, 46.8534



12.0816, 19.1714, 8.8145



8.0024, 9.1031, 10.8416



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.



14.7408, 19.1347, 26.2094



24.0478, 32.3190, 46.0191



10.7860, 11.2251, 24.8911



5.1432, 5.6294, 6.4213



11.3218, 15.9140, 24.5207



0.0794, 0.1141, 0.1643

Inverse Universe

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



16.1409, 10.6540, 22.6793



26.8708, 15.8491, 38.7599



16.1833, 15.7671, 7.1919



5.2189, 5.1230, 6.2412



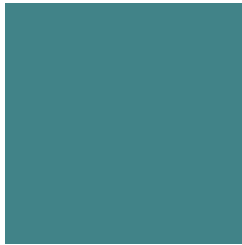
13.2015, 6.3907, 19.3635



0.0898, 0.0433, 0.1398

Previews

White Background



This preview shows how the XYZ color 14.7402, 19.1340, 26.2089 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 14.7402, 19.1340, 26.2089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

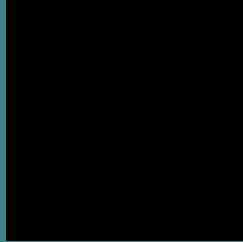
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.7402, 19.1340, 26.2089

Background



This preview shows how black text looks on a background with the XYZ color 14.7402, 19.1340, 26.2089.



This preview shows how white text looks on a background with the XYZ color 14.7402, 19.1340,

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

14.7402, 19.1340, 26.2089

Protanopia

18.4246, 19.0110, 23.4673

Deuteranopia

19.1899, 18.7976, 27.0430



Tritanopia

15.1051, 19.0816, 28.0863

Trichromacy



Original Color

14.7402, 19.1340, 26.2089

Protanomaly

16.6280, 18.7906, 24.5803

Deuteranomaly

17.0265, 18.5788, 26.7334

Tritanomaly

14.8896, 18.9876, 27.3063

Monochromacy



Original Color

14.7402, 19.1340, 26.2089

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.7673, 17.0070, 20.5935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7402, 19.1340, 26.2089 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(65, 131, 136)` looks like.

```
.text, #text, p{  
    color:rgb(65, 131, 136)  
}
```

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(65, 131, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 131, 136) }
```

Border

The CSS property to change the border of an element to XYZ 14.7402, 19.1340, 26.2089 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(65, 131, 136) }
```


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

```
.border{ border-color:rgb(65, 131, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 131, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 131, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 131, 136);  
box-shadow:4px 4px 4px 4px rgb(65, 131,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7402, 19.1340, 26.2089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 131, 136) }
```

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

```
.background{ background-color: rgb(65, 131,  
136) }
```

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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