

Converting Colors

XYZ(14.6025, 19.7260, 23.8071)

Have a look what the booklet for
XYZ(14.6025, 19.7260, 23.8071)
contains.

XYZ(14.6019, 19.7252, 23.8066)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.6019, 19.7252,
23.8066)**

Conversions

Conversions Part 1

Format	Color
Hex	408681
RGB	64, 134, 129
RGB Percent	25%, 53%, 51%
CMY	0.7490, 0.4745, 0.4941
CMYK	0.52, 0.00, 0.04, 0.47
HSL	176°, 35%, 39%
HSV	176°, 52%, 53%
XYZ	14.6019, 19.7252, 23.8066
YIQ	112.5000, -40.1150, -16.3950

Conversions

Conversions Part 2

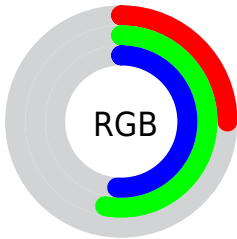
Format	Color
R _Y B	64, 100, 134
Decimal	4228737
CIE Lab	51.53, -23.27, -4.07
CIE LCh	52, 23.619, 189.910
Yxy	19.7252, 0.2512, 0.3393
Android (android.graphics.Color)	4282418817 (0xFF408681)
YUV	112.5000, 8.1345, -42.5345
Hunter-Lab	44.4131, -19.0365, -0.6919




Details

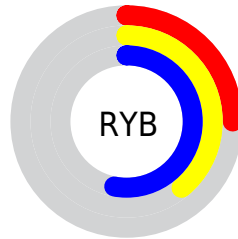
The XYZ color **14.6019, 19.7252, 23.8066** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **12.7398, 9.1654, 6.7285**, and the grayscale version is **15.5339, 16.3429, 17.7974**.




A 20% lighter version of the original color is **33.8979, 43.1954, 50.8069**, and **4.6183, 6.9198, 8.6817** is the 20% darker color. If you saturate the color by 10%, you get **13.7699, 19.3041, 23.4374**, and if you desaturate by 10%, it is **15.6451, 20.2561, 24.1897**.

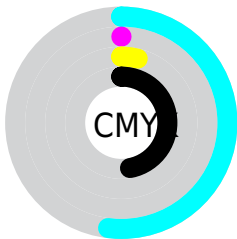
Distribution







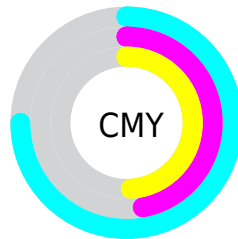
-  Red (25%)
-  Green (53%)
-  Blue (51%)






-  Red (25%)
-  Yellow (39%)
-  Blue (53%)



-  Cyan (52%)
-  Magenta (0%)
-  Yellow (4%)
-  Black (47%)



-  Cyan (75%)
-  Magenta (47%)
-  Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6019, 19.7252, 23.8066 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 14.6019, 19.7252, 23.8066 by changing the saturation by 10% instead.

■ 14.6019, 19.7252,
23.8066

■ 14.6019, 19.7252,
23.8066

214.3803,
250.4236, 285.0963

■ 8.6250, 12.1954,
14.9793

■ 33.7307, 42.9560,
50.6543

■ 4.5525, 6.8769,
8.6584

■ 47.6132, 59.4258,
69.5118

■ 2.0192, 3.3853,
4.4253

■ 64.8617, 79.6444,
92.5498

■ 0.6447, 1.3360,
1.8614

■ 85.8415, 103.9963,
120.1869

■ 0.0000, 0.1688,
0.4680

■ 110.9178,
132.8657, 152.8415

■ 0.0000, 0.0000,
0.0000

140.4562,

166.6371, 190.9322

174.8219,
205.6950, 234.8776

■ 14.6019, 19.7252,
23.8066

■ 14.6019, 19.7252,
23.8066

■ 13.7699, 19.3041,
23.4374

■ 15.6451, 20.2561,
24.1897

■ 13.1320, 18.9825,
23.0799

■ 16.9115, 20.9015,
24.5859

■ 12.6716, 18.7523,
22.7339

■ 18.4142, 21.6686,
24.9963

■ 12.3683, 18.6031,
22.3983

■ 20.1649, 22.5635,
25.4214

■ 12.1907, 18.5170,
22.1426

■ 22.1744, 23.5918,
25.8619

■ 24.4531, 24.7588,
26.3180

■ 27.0104, 26.0693,
26.7904

■ 29.8557, 27.5282,
27.2794

■ 32.9977, 29.1400,
27.7855

Harmonies

Analogous

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



14.7800, 19.7252, 17.2930



14.6019, 19.7252, 23.8066



15.4606, 19.7252, 31.0030

Triad

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



14.6019, 19.7252, 23.8066



21.8317, 19.7252, 33.1453



20.3601, 19.7252, 11.3915

Complementary

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



14.6019, 19.7252, 23.8066



12.7398, 9.1654, 6.7285

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.



22.4717, 19.7252, 14.1350



14.6019, 19.7252, 23.8066



23.3698, 19.7252, 26.2875

Square

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



14.6019, 19.7252, 23.8066



19.5448, 19.7252, 37.0988



23.6134, 19.7252, 19.3053



17.9736, 19.7252, 11.0027

Rectangle

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



14.6019, 19.7252, 23.8066



16.5517, 19.7252, 34.8891



23.6134, 19.7252, 19.3053



21.1309, 19.7252, 12.0364

Sweetspot

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



14.6025, 19.7260, 23.8071



34.2040, 39.0765, 44.4769



11.9649, 18.7171, 7.8330



7.5867, 8.7427, 9.9913



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.



14.6025, 19.7260, 23.8071



23.9908, 33.8744, 41.1556



11.4527, 12.8811, 24.4379



4.7876, 5.2733, 5.8930



11.4256, 17.3531, 20.7587



0.0407, 0.0605, 0.0775

Inverse Universe

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



12.7398, 9.1654, 6.7285



20.3330, 13.0819, 7.5780



14.6866, 13.2972, 6.6434



4.6851, 4.6937, 4.9540



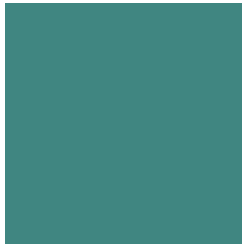
9.2645, 4.7701, 0.6993



0.0329, 0.0169, 0.0068

Previews

White Background



This preview shows how the XYZ color 14.6019, 19.7252, 23.8066 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 14.6019, 19.7252, 23.8066 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 14.6019, 19.7252, 23.8066

Background



This preview shows how black text looks on a background with the XYZ color 14.6019, 19.7252, 23.8066.



This preview shows how white text looks on a background with the XYZ color 14.6019, 19.7252,

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

14.6019, 19.7252, 23.8066

Protanopia

18.7846, 19.6093, 21.2073

Deuteranopia

19.8149, 19.5267, 24.5545



Tritanopia

15.6634, 19.7509, 28.9734

Trichromacy



Original Color

14.6019, 19.7252, 23.8066

Protanomaly

16.6420, 19.2272, 22.2361

Deuteranomaly

17.1301, 19.0573, 24.2483

Tritanomaly

15.2897, 19.8033, 27.0613

Monochromacy



Original Color

14.6019, 19.7252, 23.8066

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

14.8865, 17.4395, 20.0343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6019, 19.7252, 23.8066 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(64, 134, 129)` looks like.

```
.text, #text, p{  
    color:rgb(64, 134, 129)  
}
```

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(64, 134, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 134, 129) }
```

Border

The CSS property to change the border of an element to XYZ 14.6019, 19.7252, 23.8066 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(64, 134, 129) }
```


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

```
.border{ border-color:rgb(64, 134, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 134, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 134, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 134, 129);  
box-shadow:4px 4px 4px 4px rgb(64, 134,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6019, 19.7252, 23.8066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 134, 129) }
```

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

```
.background{ background-color: rgb(64, 134,  
129) }
```

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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