

Converting Colors

XYZ(14.6786, 16.2974, 19.9718)

Have a look what the booklet for
XYZ(14.6786, 16.2974, 19.9718)
contains.

XYZ(14.6061, 16.2460, 19.8187)	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(14.6061, 16.2460,
19.8187)**

Conversions

Conversions Part 1

Format	Color
Hex	637377
RGB	99, 115, 119
RGB Percent	39%, 45%, 47%
CMY	0.6118, 0.5490, 0.5333
CMYK	0.17, 0.03, 0.00, 0.53
HSL	192°, 9%, 43%
HSV	192°, 17%, 47%
XYZ	14.6061, 16.2460, 19.8187
YIQ	110.6720, -10.8200, -2.1480

Conversions

Conversions Part 2

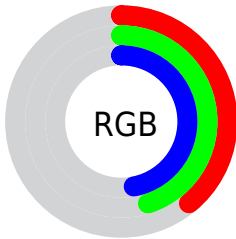
Format	Color
R_{YB}	99, 108, 119
Decimal	6517623
CIE _{Lab}	47.30, -5.01, -4.21
CIE _{LCh}	47, 6.547, 220.068
Yxy	16.2460, 0.2883, 0.3206
Android (android.graphics.Color)	4284707703 (0xFF637377)
YUV	110.6720, 4.1057, -10.2363
Hunter-Lab	40.3063, -5.8517, -0.9386

Details

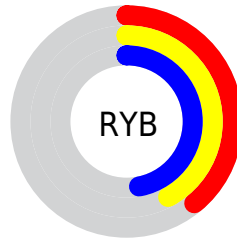
The XYZ color **14.6061, 16.2460, 19.8187** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.7103, 14.5233, 13.8327**, and the grayscale version is **15.0056, 15.7870, 17.1921**.

A 20% lighter version of the original color is **33.7471, 37.0617, 43.9030**, and **4.5607, 5.1993, 6.7244** is the 20% darker color. If you saturate the color by 10%, you get **13.1330, 15.0894, 19.6734**, and if you desaturate by 10%, it is **16.2788, 17.5167, 19.9761**.

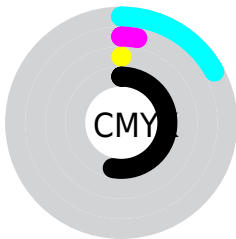
Distribution



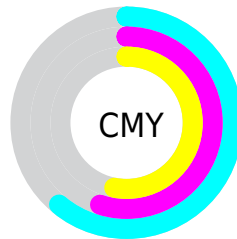
- Red (39%)
- Green (45%)
- Blue (47%)



- Red (39%)
- Yellow (42%)
- Blue (47%)



- Cyan (17%)
- Magenta (3%)
- Yellow (0%)
- Black (53%)



- Cyan (61%)
- Magenta (55%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6061, 16.2460, 19.8187 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 14.6061, 16.2460, 19.8187 by changing the saturation by 10% instead.

■ 14.6061, 16.2460,
19.8187

■ 14.6061, 16.2460,
19.8187

214.4055,
230.7890, 263.5036

■ 8.6279, 9.6984,
12.0806

■ 33.7380, 37.0247,
43.9680

■ 4.5544, 5.1994,
6.6754

■ 47.6225, 52.0247,
61.2162

■ 2.0203, 2.3648,
3.1846

■ 64.8731, 70.6108,
82.4715

■ 0.6453, 0.8077,
1.1896

■ 85.8551, 93.1676,
108.1525

■ 0.0000, 0.0000,
0.0000

110.9341,
120.0795, 138.6776

140.4752,

151.7307, 174.4655

174.8439,
188.5057, 215.9347

■ 14.6061, 16.2460,
19.8187

■ 14.6061, 16.2460,
19.8187

■ 13.1330, 15.0894,
19.6734

■ 16.2788, 17.5167,
19.9761

■ 11.8496, 14.0405,
19.5385

■ 18.1576, 18.9037,
20.1448

■ 10.7474, 13.0953,
19.4142

■ 20.2503, 20.4115,
20.3255

■ 9.8166, 12.2486,
19.2998

■ 22.5640, 22.0439,
20.5186

■ 9.0465, 11.4949,
19.1949

■ 25.1055, 23.8044,
20.7245

■ 8.4252, 10.8278,
19.0989

■ 27.8812, 25.6964,
20.9434

■ 7.9388, 10.2402,
19.0111

■ 30.8973, 27.7233,
21.1756

■ 7.5575, 9.7166,
18.9302

■ 34.1598, 29.8880,
21.4215

■ 7.4409, 9.5542,
18.9050

■ 37.6744, 32.1936,
21.6813

Harmonies

Analogous

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



14.3724, 16.2460, 18.2516



14.6061, 16.2460, 19.8187



15.0654, 16.2460, 20.8542

Triad

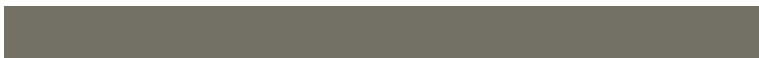
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



14.6061, 16.2460, 19.8187



16.5102, 16.2460, 18.7969



15.2478, 16.2460, 14.7359

Complementary

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



14.6061, 16.2460, 19.8187



14.7103, 14.5233, 13.8327

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.



15.8234, 16.2460, 14.8617



14.6061, 16.2460, 19.8187



16.5620, 16.2460, 17.1384

Square

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



14.6061, 16.2460, 19.8187



16.1680, 16.2460, 20.2392



16.3078, 16.2460, 15.7179



14.7367, 16.2460, 15.3628

Rectangle

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



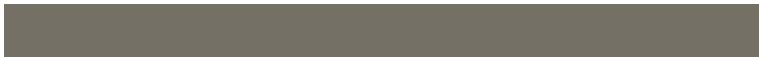
14.6061, 16.2460, 19.8187



15.4427, 16.2460, 21.0678



16.3078, 16.2460, 15.7179



15.4400, 16.2460, 14.6925

Sweetspot

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



14.6066, 16.2467, 19.8191



29.6891, 31.7694, 35.8204



14.1742, 16.8192, 15.2441



6.9925, 7.4966, 8.4851



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.6066, 16.2467, 19.8191



25.1384, 28.3026, 35.3911



13.5613, 14.1561, 19.4706



3.7241, 4.0369, 4.6732



7.8988, 10.1372, 20.0829



37.8798, 48.1761, 97.6627

Inverse Universe

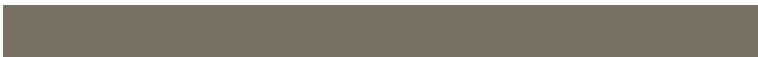
The Inverse Universe completely reimagines the original color for something new.



15.1645, 14.0838, 18.1396



26.3375, 23.7294, 31.7644



15.7282, 16.5591, 14.1720



3.7968, 3.7460, 4.4566



10.2841, 5.0473, 11.9700



49.8067, 24.4728, 56.7048

Previews

White Background



This preview shows how the XYZ color 14.6061, 16.2460, 19.8187 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 14.6061, 16.2460, 19.8187 looks on a black 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

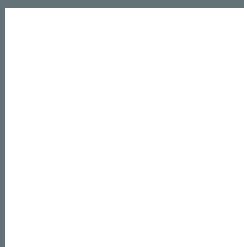
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.6061, 16.2460, 19.8187

Background



This preview shows how black text looks on a background with the XYZ color 14.6061, 16.2460, 19.8187.



This preview shows how white text looks on a background with the XYZ color 14.6061, 16.2460,

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

14.6061, 16.2460, 19.8187

Protanopia

15.7054, 16.1639, 19.1218

Deuteranopia

16.4666, 16.2153, 20.0313



Tritanopia

14.8480, 16.1740, 21.0782

Trichromacy



Original Color

14.6061, 16.2460, 19.8187

Protanomaly

15.2485, 16.0845, 19.4405

Deuteranomaly

15.7567, 16.1697, 20.0599

Tritanomaly

14.7857, 16.1491, 20.7502

Monochromacy



Original Color

14.6061, 16.2460, 19.8187

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.8948, 15.9290, 18.2092

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6061, 16.2460, 19.8187 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(99, 115, 119) looks like.

```
.text, #text, p{  
    color:rgb(99, 115, 119)  
}
```

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(99, 115, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 115, 119) }
```

Border

The CSS property to change the border of an element to XYZ 14.6061, 16.2460, 19.8187 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(99, 115, 119) }
```


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

```
.border{ border-color:rgb(99, 115, 119) }
```

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

Here you see how a box with a 4 pixel rgb(99, 115, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 115, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 115, 119);  
box-shadow:4px 4px 4px 4px rgb(99, 115,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6061, 16.2460, 19.8187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 115, 119) }
```

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

```
.background{ background-color: rgb(99, 115,  
119) }
```

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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