

Converting Colors

XYZ(11.3969, 14.4952, 16.3853)

Have a look what the booklet for
XYZ(11.3969, 14.4952, 16.3853)
contains.

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Color

**XYZ(11.3966, 14.4951,
16.3845)**

Conversions

Conversions Part 1

Format	Color
Hex	48726C
RGB	72, 114, 108
RGB Percent	28%, 45%, 42%
CMY	0.7176, 0.5529, 0.5765
CMYK	0.37, 0.00, 0.05, 0.55
HSL	171°, 23%, 36%
HSV	171°, 37%, 45%
XYZ	11.3966, 14.4951, 16.3845
YIQ	100.7580, -23.1060, -10.7700

Conversions

Conversions Part 2

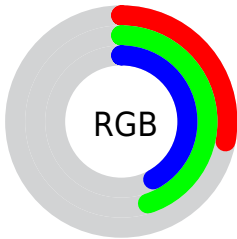
Format	Color
RYB	72, 95, 114
Decimal	4747884
CIELab	44.93, -16.09, -1.32
CIELCh	45, 16.148, 184.684
Yxy	14.4951, 0.2696, 0.3429
Android (android.graphics.Color)	4282937964 (0xFF48726C)
YUV	100.7580, 3.5703, -25.2208
Hunter-Lab	38.0724, -13.1946, 1.1352

Details

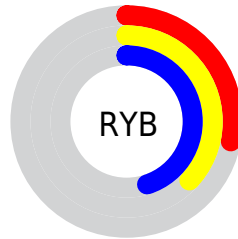
The XYZ color **11.3966, 14.4951, 16.3845** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **10.6325, 8.7626, 8.3393**, and the grayscale version is **12.3030, 12.9437, 14.0957**.

A 20% lighter version of the original color is **27.9203, 33.9132, 37.8752**, and **3.1439, 4.4155, 5.1015** is the 20% darker color. If you saturate the color by 10%, you get **10.5385, 14.0630, 15.8962**, and if you desaturate by 10%, it is **12.4148, 15.0103, 16.8893**.

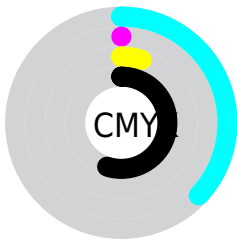
Distribution



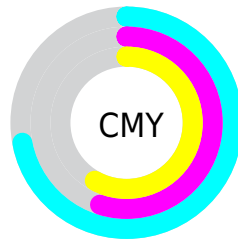
- Red (28%)
- Green (45%)
- Blue (42%)



- Red (28%)
- Yellow (37%)
- Blue (45%)



- Cyan (37%)
- Magenta (0%)
- Yellow (5%)
- Black (55%)



- Cyan (72%)
- Magenta (55%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3966, 14.4951, 16.3845 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 11.3966, 14.4951, 16.3845 by changing the saturation by 10% instead.

■ 11.3966, 14.4951,
16.3845

■ 11.3966, 14.4951,
16.3845

194.2212,
220.2895, 243.5227

■ 6.4035, 8.4658,
9.6393

■ 28.0177, 33.9650,
38.0405

■ 3.1349, 4.3944,
5.0580

■ 40.3765, 48.1743,
53.7884

■ 1.2255, 1.8966,
2.2220

■ 55.9212, 65.8792,
73.3743

■ 0.1264, 0.5463,
0.6870

■ 75.0172, 87.4639,
97.2167

■ 0.0000, 0.0000,
0.0000

■ 98.0299, 113.3129,
125.7342

125.3245,

143.8106, 159.3454

157.2665,
179.3413, 198.4687

■ 11.3966, 14.4951,
16.3845

■ 11.3966, 14.4951,
16.3845

■ 10.5385, 14.0630,
15.8962

■ 12.4148, 15.0103,
16.8893

■ 9.8305, 13.7078,
15.4231

■ 13.5999, 15.6109,
17.4102

■ 9.2635, 13.4250,
14.9650

■ 14.9599, 16.3015,
17.9477

■ 8.8267, 13.2092,
14.5212

■ 16.5017, 17.0857,
18.5024

■ 8.5079, 13.0540,
14.0913

■ 18.2322, 17.9669,
19.0745

■ 8.2780, 12.9445,
13.6737

■ 20.1575, 18.9484,
19.6645

■ 8.2086, 12.9116,
13.5437

■ 22.2838, 20.0333,
20.2725

■ 24.6168, 21.2245,
20.8991

■ 27.1620, 22.5250,
21.5443

Harmonies

Analogous

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



11.6054, 14.4951, 12.8709



11.3966, 14.4951, 16.3845



11.7915, 14.4951, 20.2967

Triad

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



11.3966, 14.4951, 16.3845



15.2743, 14.4951, 22.5551



14.8925, 14.4951, 10.0759

Complementary

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



11.3966, 14.4951, 16.3845



10.6325, 8.7626, 8.3393

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.



15.9741, 14.4951, 11.9931



11.3966, 14.4951, 16.3845



16.2042, 14.4951, 19.1036

Square

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



11.3966, 14.4951, 16.3845



13.9857, 14.4951, 24.2036



16.4681, 14.4951, 15.1958



13.5707, 14.4951, 9.5839

Rectangle

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



11.3966, 14.4951, 16.3845



12.3598, 14.4951, 22.4968



16.4681, 14.4951, 15.1958



15.2989, 14.4951, 10.5581

Sweetspot

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



11.3970, 14.4957, 16.3848



25.1877, 28.0864, 31.1149



10.3540, 14.1356, 8.3139



5.7703, 6.4676, 7.1742



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



11.3970, 14.4957, 16.3848



18.7571, 24.8319, 28.0780



10.2005, 11.5738, 17.6166



3.4555, 3.8074, 4.2048



9.1328, 14.3706, 15.0520



45.2522, 71.4895, 73.7046

Inverse Universe

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



10.6325, 8.7626, 8.3393



17.2116, 13.2211, 11.7982



11.4936, 10.8137, 7.6127



3.4021, 3.4086, 3.6444



7.8271, 4.0232, 0.8995



38.7898, 19.9613, 3.4255

Previews

White Background



This preview shows how the XYZ color 11.3966, 14.4951, 16.3845 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 11.3966, 14.4951, 16.3845 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 11.3966, 14.4951, 16.3845

Background



This preview shows how black text looks on a background with the XYZ color 11.3966, 14.4951, 16.3845.



This preview shows how white text looks on a background with the XYZ color 11.3966, 14.4951,

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

11.3966, 14.4951, 16.3845

Protanopia

13.6841, 14.2706, 14.8652

Deuteranopia

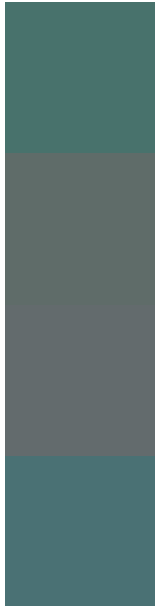
14.6042, 14.4037, 16.7623



Tritanopia

12.1470, 14.4647, 20.2409

Trichromacy



Original Color

11.3966, 14.4951, 16.3845

Protanomaly

12.6317, 14.1779, 15.4355

Deuteranomaly

13.1636, 14.2722, 16.5290

Tritanomaly

11.8816, 14.5271, 18.7008

Monochromacy



Original Color

11.3966, 14.4951, 16.3845

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

11.8692, 13.4812, 15.0733

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3966, 14.4951, 16.3845 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(72, 114, 108)` looks like.

```
.text, #text, p{  
    color:rgb(72, 114, 108)  
}
```

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(72, 114, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 114, 108) }
```

Border

The CSS property to change the border of an element to XYZ 11.3966, 14.4951, 16.3845 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(72, 114, 108) }
```


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

```
.border{ border-color:rgb(72, 114, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 114, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 114, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 114, 108);  
box-shadow:4px 4px 4px 4px rgb(72, 114,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3966, 14.4951, 16.3845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 114, 108) }
```

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

```
.background{ background-color: rgb(72, 114,  
108) }
```

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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