

Converting Colors

XYZ(9.6047, 11.4909, 13.7891)

Have a look what the booklet for
XYZ(9.6047, 11.4909, 13.7891)
contains.

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Color

**XYZ(9.6051, 11.4509,
13.7606)**

Conversions

Conversions Part 1

Format	Color
Hex	496464
RGB	73, 100, 100
RGB Percent	29%, 39%, 39%
CMY	0.7137, 0.6078, 0.6078
CMYK	0.27, 0.00, 0.00, 0.61
HSL	180°, 16%, 34%
HSV	180°, 27%, 39%
XYZ	9.6051, 11.4509, 13.7606
YIQ	91.9270, -16.0920, -5.7240

Conversions

Conversions Part 2

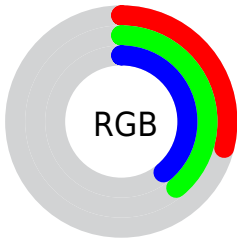
Format	Color
R_{YB}	73, 87, 100
Decimal	4809828
CIE _{Lab}	40.33, -9.91, -3.25
CIE _{LCh}	40, 10.425, 198.143
Yxy	11.4509, 0.2759, 0.3289
Android (android.graphics.Color)	4282999908 (0xFF496464)
YUV	91.9270, 3.9800, -16.5990
Hunter-Lab	33.8392, -8.5521, -0.4227

Details

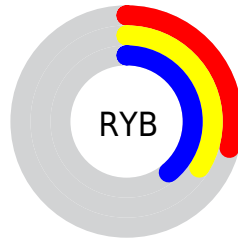
The XYZ color **9.6051, 11.4509, 13.7606** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8.8411, 7.9558, 7.3735**, and the grayscale version is **10.1499, 10.6785, 11.6289**.

A 20% lighter version of the original color is **24.6786, 28.5052, 33.4795**, and **2.3677, 3.0363, 3.8294** is the 20% darker color. If you saturate the color by 10%, you get **8.9076, 11.0916, 13.7281**, and if you desaturate by 10%, it is **10.4251, 11.8739, 13.7993**.

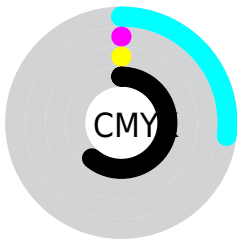
Distribution



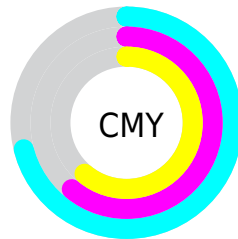
- Red (29%)
- Green (39%)
- Blue (39%)



- Red (29%)
- Yellow (34%)
- Blue (39%)



- Cyan (27%)
- Magenta (0%)
- Yellow (0%)
- Black (61%)



- Cyan (71%)
- Magenta (61%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.6051, 11.4509, 13.7606 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 9.6051, 11.4509, 13.7606 by changing the saturation by 10% instead.

■ 9.6051, 11.4509,
13.7606

■ 9.6051, 11.4509,
13.7606

181.9431,
200.7354, 227.1128

■ 5.1982, 6.3710,
7.8175

■ 24.7065, 28.4910,
33.3746

■ 2.3999, 3.0719,
3.8923

■ 36.1317, 41.2200,
47.8826

■ 0.8451, 1.1694,
1.5664

■ 50.6270, 57.2674,
66.0827

■ 0.0000, 0.0365,
0.2667

■ 68.5578, 77.0177,
88.3934

■ 0.0000, 0.0000,
0.0000

■ 90.2895, 100.8552,
115.2332

116.1874,

129.1644, 147.0207

146.6168,
162.3297, 184.1743

■ 9.6051, 11.4509,
13.7606

■ 9.6051, 11.4509,
13.7606

■ 8.9076, 11.0916,
13.7281

■ 10.4251, 11.8739,
13.7993

■ 8.3259, 10.7917,
13.7008

■ 11.3721, 12.3621,
13.8438

■ 7.8539, 10.5484,
13.6786

■ 12.4515, 12.9186,
13.8944

■ 7.4848, 10.3581,
13.6612

■ 13.6681, 13.5457,
13.9514

■ 7.2109, 10.2170,
13.6483

■ 15.0265, 14.2460,
14.0151

■ 7.0235, 10.1203,
13.6394

■ 16.5311, 15.0217,
14.0856

■ 6.8951, 10.0541,
13.6333

■ 18.1860, 15.8748,
14.1632

■ 6.8575, 10.0348,
13.6315

■ 19.9953, 16.8075,
14.2480

■ 21.9628, 17.8218,
14.3401

Harmonies

Analogous

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



9.5685, 11.4509, 11.6612



9.6051, 11.4509, 13.7606



9.9748, 11.4509, 15.7040

Triad

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



9.6051, 11.4509, 13.7606



11.9617, 11.4509, 15.3437



11.1743, 11.4509, 8.9370

Complementary

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



9.6051, 11.4509, 13.7606



8.8411, 7.9558, 7.3735

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.



11.8463, 11.4509, 9.7103



9.6051, 11.4509, 13.7606



12.3142, 11.4509, 13.3114

Square

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



9.6051, 11.4509, 13.7606



11.3262, 11.4509, 16.6860



12.2711, 11.4509, 11.2591



10.4530, 11.4509, 9.0286

Rectangle

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



9.6051, 11.4509, 13.7606



10.3701, 11.4509, 16.5782



12.2711, 11.4509, 11.2591



11.4141, 11.4509, 9.1005

Sweetspot

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



9.6054, 11.4514, 13.7609



19.7186, 21.5594, 24.2586



8.5420, 11.0300, 7.9824



4.8016, 5.2789, 5.9666



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

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



9.6054, 11.4514, 13.7609



16.0875, 19.6875, 24.0882



8.4524, 9.1453, 13.3768



2.9036, 3.1852, 3.5937



9.1821, 13.4365, 18.2524



47.8896, 70.0784, 95.1957

Inverse Universe

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



8.8411, 7.9558, 7.3735



14.5186, 12.5125, 10.9774



9.7903, 9.8544, 7.6897



2.8295, 2.8465, 2.9748



7.0374, 3.6279, 0.3295



36.7039, 18.9215, 1.7180

Previews

White Background



This preview shows how the XYZ color 9.6051, 11.4509, 13.7606 looks on a white background.

Color Contrast Check

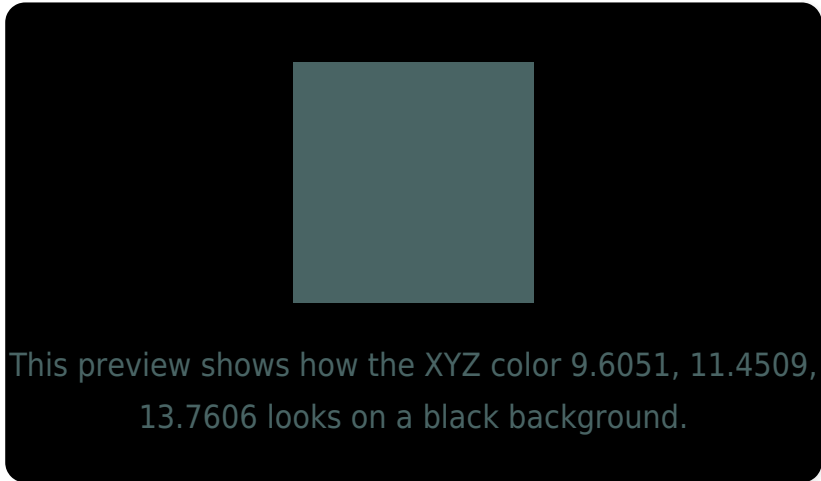
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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

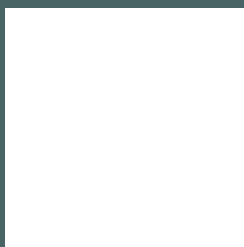
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 9.6051, 11.4509, 13.7606

Background



This preview shows how black text looks on a background with the XYZ color 9.6051, 11.4509, 13.7606.



This preview shows how white text looks on a background with the XYZ color 9.6051, 11.4509,

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

9.6051, 11.4509, 13.7606

Protanopia

10.9842, 11.3553, 12.9221

Deuteranopia

11.5922, 11.3803, 14.1560



Tritanopia

10.0173, 11.4811, 15.5980

Trichromacy



Original Color

9.6051, 11.4509, 13.7606

Protanomaly

10.4120, 11.3223, 13.1919

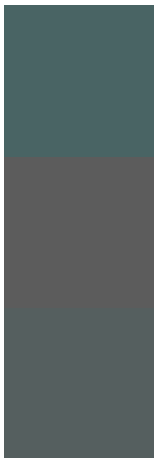
Deuteranomaly

10.7556, 11.3481, 13.9355

Tritanomaly

9.7846, 11.3790, 14.7774

Monochromacy



Original Color

9.6051, 11.4509, 13.7606

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

9.9041, 10.9419, 12.4165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.6051, 11.4509, 13.7606 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(73, 100, 100)` looks like.

```
.text, #text, p{  
    color:rgb(73, 100, 100)  
}
```

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(73, 100, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 100, 100) }
```

Border

The CSS property to change the border of an element to XYZ 9.6051, 11.4509, 13.7606 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(73, 100, 100) }
```


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

```
.border{ border-color:rgb(73, 100, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 100, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 100, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 100, 100);  
box-shadow:4px 4px 4px 4px rgb(73, 100,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 9.6051, 11.4509, 13.7606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 100, 100) }
```

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

```
.background{ background-color: rgb(73, 100,  
100) }
```

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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