

Converting Colors

XYZ(11.6537, 11.6016, 14.4410)

Have a look what the booklet for
XYZ(11.6537, 11.6016, 14.4410)
contains.

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Color

**XYZ(11.7064, 11.6940,
14.4721)**

Conversions

Conversions Part 1

Format	Color
Hex	645E67
RGB	100, 94, 103
RGB Percent	39%, 37%, 40%
CMY	0.6078, 0.6314, 0.5961
CMYK	0.03, 0.09, 0.00, 0.60
HSL	280°, 5%, 39%
HSV	280°, 9%, 40%
XYZ	11.7064, 11.6940, 14.4721
YIQ	96.8200, 0.6870, 4.0710

Conversions

Conversions Part 2

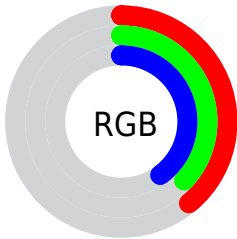
Format	Color
R_{YB}	100, 94, 103
Decimal	6577767
CIE _{Lab}	40.73, 4.26, -4.26
CIE _{LCh}	41, 6.030, 314.991
Yxy	11.6940, 0.3091, 0.3088
Android (android.graphics.Color)	4284767847 (0xFF645E67)
YUV	96.8200, 3.0467, 2.7889
Hunter-Lab	34.1965, 1.2616, -1.1542

Details

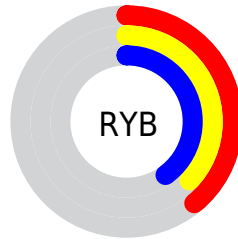
The XYZ color **11.7064, 11.6940, 14.4721** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.8008, 13.0503, 12.4873**, and the grayscale version is **11.3110, 11.9001, 12.9592**.

A 20% lighter version of the original color is **28.5685, 28.8589, 34.6365**, and **3.2390, 3.1563, 4.1799** is the 20% darker color. If you saturate the color by 10%, you get **10.4792, 9.7915, 14.1697**, and if you desaturate by 10%, it is **13.0725, 13.8503, 14.8165**.

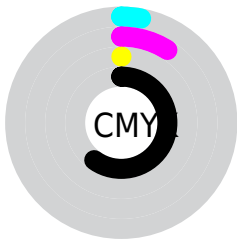
Distribution



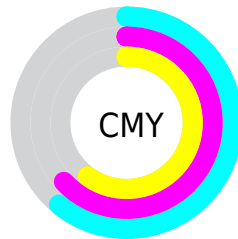
- Red (39%)
- Green (37%)
- Blue (40%)



- Red (39%)
- Yellow (37%)
- Blue (40%)



- Cyan (3%)
- Magenta (9%)
- Yellow (0%)
- Black (60%)



- Cyan (61%)
- Magenta (63%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.7064, 11.6940, 14.4721 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 11.7064, 11.6940, 14.4721 by changing the saturation by 10% instead.

■ 11.7064, 11.6940,
14.4721

■ 11.7064, 11.6940,
14.4721

196.2616,
202.3688, 231.6780

■ 6.6149, 6.5357,
8.3073

■ 28.5808, 28.9365,
34.6535

■ 3.2666, 3.1735,
4.2016

■ 41.0943, 41.7896,
49.5071

■ 1.2963, 1.2229,
1.7366

■ 56.8125, 57.9763,
68.0941

■ 0.1804, 0.0803,
0.3856

■ 76.1008, 77.8810,
90.8329

■ 0.0000, 0.0000,
0.0000

99.3245, 101.8883,
118.1422

126.8490,

130.3824, 150.4405

159.0396,
163.7478, 188.1462

■ 11.7064, 11.6940,
14.4721

■ 11.7064, 11.6940,
14.4721

■ 10.4792, 9.7915,
14.1697

■ 13.0725, 13.8503,
14.8165

■ 9.3849, 8.1315,
13.9070

■ 14.5813, 16.2680,
15.2036

■ 8.4186, 6.7042,
13.6824

■ 16.2376, 18.9563,
15.6352

■ 7.5745, 5.4985,
13.4942

■ 18.0457, 21.9236,
16.1127

■ 6.8465, 4.5024,
13.3403

■ 20.0096, 25.1778,
16.6373

6.2278, 3.7026,
13.2185

22.1334, 28.7265,
17.2103

5.7108, 3.0844,
13.1265

24.4208, 32.5771,
17.8330

5.2870, 2.6308,
13.0612

26.8755, 36.7366,
18.5065

4.9234, 2.2763,
13.0120

29.5011, 41.2118,
19.2319

Harmonies

Analogous

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



11.3289, 11.6940, 15.1460



11.7064, 11.6940, 14.4721



11.9282, 11.6940, 13.3525

Triad

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



11.7064, 11.6940, 14.4721



11.3291, 11.6940, 10.5907



10.3392, 11.6940, 13.3518

Complementary

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



11.7064, 11.6940, 14.4721



11.8008, 13.0503, 12.4873

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.



10.3393, 11.6940, 12.1325



11.7064, 11.6940, 14.4721



10.9034, 11.6940, 10.5905

Square

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



11.7064, 11.6940, 14.4721



11.7066, 11.6940, 11.1392



10.5435, 11.6940, 11.1387



10.5433, 11.6940, 14.4715

Rectangle

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



11.7064, 11.6940, 14.4721



11.9543, 11.6940, 12.5290



10.5435, 11.6940, 11.1387



10.3155, 11.6940, 12.9388

Sweetspot

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



11.7067, 11.6945, 14.4724



22.3123, 23.0635, 26.2528



11.3533, 11.9366, 14.5377



5.4025, 5.5620, 6.3947



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



11.7067, 11.6945, 14.4724



20.6036, 20.3800, 25.8249



11.9775, 11.8418, 14.1342



2.8518, 2.8456, 3.5309



6.1000, 2.7889, 16.3611



30.8608, 14.0536, 85.2875

Inverse Universe

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



11.7543, 11.7526, 12.9588



20.7056, 20.5029, 22.6525



11.5483, 12.9131, 12.7944



2.8636, 2.8601, 3.1544



7.3914, 3.7695, 2.1935



38.1802, 19.5121, 9.4920

Previews

White Background



This preview shows how the XYZ color 11.7064, 11.6940, 14.4721 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 11.7064, 11.6940, 14.4721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

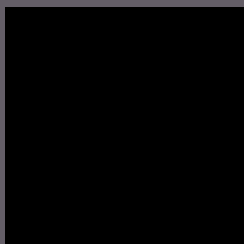
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

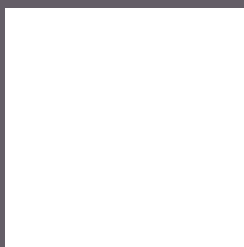
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.7064, 11.6940, 14.4721

Background



This preview shows how black text looks on a background with the XYZ color 11.7064, 11.6940, 14.4721.



This preview shows how white text looks on a background with the XYZ color 11.7064, 11.6940,

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

11.7064, 11.6940, 14.4721

Protanopia

11.3102, 11.6168, 14.7429

Deuteranopia

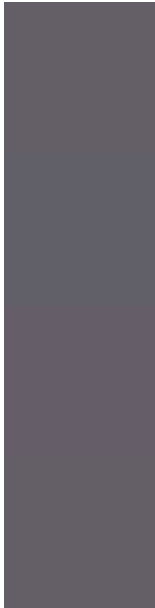
11.8420, 11.6328, 14.4532



Tritanopia

11.6565, 11.6740, 14.2093

Trichromacy



Original Color

11.7064, 11.6940, 14.4721

Protanomaly

11.5207, 11.7253, 14.7527

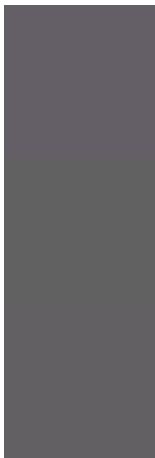
Deuteranomaly

11.7294, 11.5747, 14.4479

Tritanomaly

11.6565, 11.6740, 14.2093

Monochromacy



Original Color

11.7064, 11.6940, 14.4721

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.4720, 11.8633, 13.4896

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.7064, 11.6940, 14.4721 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(100, 94, 103)` looks like.

```
.text, #text, p{  
    color:rgb(100, 94, 103)  
}
```

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(100, 94, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 94, 103) }
```

Border

The CSS property to change the border of an element to XYZ 11.7064, 11.6940, 14.4721 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(100, 94, 103) }
```


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

```
.border{ border-color:rgb(100, 94, 103) }
```

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

Here you see how a box with a 4 pixel rgb(100, 94, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 94, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 94, 103);  
box-shadow:4px 4px 4px 4px rgb(100, 94,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 11.7064, 11.6940, 14.4721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 94, 103) }
```

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

```
.background{ background-color: rgb(100, 94,  
103) }
```

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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