

Converting Colors

XYZ(7.4434, 10.6846, 11.0271)

Have a look what the booklet for
XYZ(7.4434, 10.6846, 11.0271)
contains.

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Color

**XYZ(7.4690, 10.6954,
11.1220)**

Conversions

Conversions Part 1

Format	Color
Hex	296659
RGB	41, 102, 89
RGB Percent	16%, 40%, 35%
CMY	0.8392, 0.6000, 0.6510
CMYK	0.60, 0.00, 0.13, 0.60
HSL	167°, 43%, 28%
HSV	167°, 60%, 40%
XYZ	7.4690, 10.6954, 11.1220
YIQ	82.2790, -32.1830, -16.9750

Conversions

Conversions Part 2

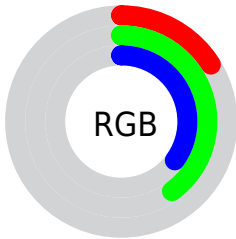
Format	Color
RYB	41, 75, 102
Decimal	2713177
CIELab	39.06, -23.18, 1.44
CIELCh	39, 23.221, 176.434
Yxy	10.6954, 0.2550, 0.3652
Android (android.graphics.Color)	4280903257 (0xFF296659)
YUV	82.2790, 3.3135, -36.2017
Hunter-Lab	32.7038, -16.4653, 2.7292

Details

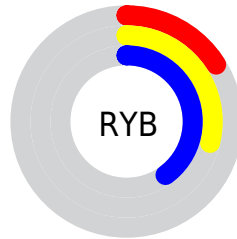
The XYZ color **7.4690, 10.6954, 11.1220** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6.9386, 4.6773, 4.0275**, and the grayscale version is **8.0746, 8.4951, 9.2511**.

A 20% lighter version of the original color is **20.5656, 26.9737, 28.5486**, and **1.7738, 2.8202, 2.8337** is the 20% darker color. If you saturate the color by 10%, you get **7.0239, 10.4766, 10.6318**, and if you desaturate by 10%, it is **8.0229, 10.9705, 11.6318**.

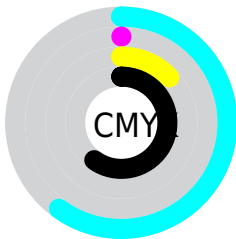
Distribution



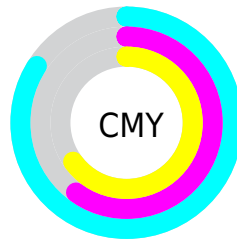
- Red (16%)
- Green (40%)
- Blue (35%)



- Red (16%)
- Yellow (29%)
- Blue (40%)



- Cyan (60%)
- Magenta (0%)
- Yellow (13%)
- Black (60%)



- Cyan (84%)
- Magenta (60%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 7.4690, 10.6954, 11.1220 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 7.4690, 10.6954, 11.1220 by changing the saturation by 10% instead.

■ 7.4690, 10.6954,
11.1220

■ 7.4690, 10.6954,
11.1220

165.9670,
195.5657, 209.2700

■ 3.8060, 5.8624,
6.0337

■ 20.6062, 27.0955,
28.5256

■ 1.5930, 2.7616,
2.7965

■ 30.8112, 39.4314,
41.6781

■ 0.3878, 1.0086,
0.9917

■ 43.9275, 55.0371,
58.3557

■ 0.0000, 0.0000,
0.0000

■ 60.3205, 74.2969,
78.9770

■ 80.3556, 97.5953,
103.9606

■ 104.3982,

125.3166, 133.7249

132.8135,
157.8453, 168.6885

■ 7.4690, 10.6954,
11.1220

■ 7.4690, 10.6954,
11.1220

■ 7.0239, 10.4766,
10.6318

■ 8.0229, 10.9705,
11.6318

■ 6.6784, 10.3086,
10.1600

■ 8.6922, 11.3045,
12.1610

■ 6.4231, 10.1867,
9.7063

■ 9.4839, 11.7013,
12.7102

■ 6.2133, 10.0881,
9.2684

■ 10.4044, 12.1642,
13.2799

■ 6.2092, 10.0861,
9.2599

■ 11.4595, 12.6962,
13.8704

■ 12.6546, 13.3000,
14.4822

■ 13.9949, 13.9783,
15.1155

■ 15.4853, 14.7337,
15.7707

■ 17.1305, 15.5685,
16.4481

Harmonies

Analogous

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



7.8766, 10.6954, 7.5309



7.4690, 10.6954, 11.1220



7.7211, 10.6954, 15.8788

Triad

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



7.4690, 10.6954, 11.1220



11.5526, 10.6954, 21.0956



11.9062, 10.6954, 5.8777

Complementary

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



7.4690, 10.6954, 11.1220



6.9386, 4.6773, 4.0275

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.



13.0784, 10.6954, 8.2406



7.4690, 10.6954, 11.1220



12.8601, 10.6954, 17.0379

Square

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



7.4690, 10.6954, 11.1220



9.9812, 10.6954, 22.4257



13.4439, 10.6954, 12.1851



10.3524, 10.6954, 5.0294

Rectangle

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



7.4690, 10.6954, 11.1220



8.2448, 10.6954, 18.9994



13.4439, 10.6954, 12.1851



12.3638, 10.6954, 6.4863

Sweetspot

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



7.4693, 10.6958, 11.1222



18.4709, 21.4457, 23.4203



6.6849, 10.4535, 3.7635



4.2698, 5.0151, 5.4737



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.



7.4693, 10.6958, 11.1222



12.0391, 18.2369, 18.2885



6.5393, 7.8836, 13.7478



2.8799, 3.1757, 3.4690



7.9603, 12.9477, 11.8181



41.1888, 67.3981, 59.9094

Inverse Universe

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



6.9386, 4.6773, 4.0275



11.0258, 6.5853, 4.6234



7.4075, 6.0400, 2.8735



2.8512, 2.8551, 3.0888



7.2071, 3.6958, 1.2228



37.3154, 19.1661, 4.9380

Previews

White Background



This preview shows how the XYZ color 7.4690, 10.6954, 11.1220 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 7.4690, 10.6954, 11.1220 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 7.4690, 10.6954, 11.1220

Background



This preview shows how black text looks on a background with the XYZ color 7.4690, 10.6954, 11.1220.



This preview shows how white text looks on a background with the XYZ color 7.4690, 10.6954,

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

7.4690, 10.6954, 11.1220

Protanopia

10.0217, 10.5396, 9.6898

Deuteranopia

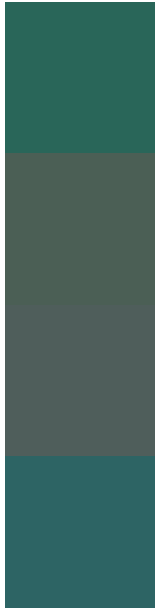
10.7597, 10.6268, 11.6093



Tritanopia

8.3346, 10.6136, 15.5193

Trichromacy



Original Color

7.4690, 10.6954, 11.1220

Protanomaly

8.6336, 10.3362, 10.1344

Deuteranomaly

9.1155, 10.4230, 11.4289

Tritanomaly

7.9396, 10.5923, 13.6827

Monochromacy



Original Color

7.4690, 10.6954, 11.1220

Achromatopsia

8.0200, 8.4376, 9.1886

Achromatomaly

7.5268, 8.9939, 9.9336

CSS Examples

Text

The CSS property to change the color of the text to XYZ 7.4690, 10.6954, 11.1220 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(41, 102, 89)` looks like.

```
.text, #text, p{  
    color:rgb(41, 102, 89)  
}
```

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(41, 102, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 102, 89) }
```

Border

The CSS property to change the border of an element to XYZ 7.4690, 10.6954, 11.1220 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(41, 102, 89) }
```


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

```
.border{ border-color:rgb(41, 102, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 102, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 102, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 102, 89);  
box-shadow:4px 4px 4px 4px rgb(41, 102,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 7.4690, 10.6954, 11.1220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 102, 89) }
```

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

```
.background{ background-color: rgb(41, 102,  
89) }
```

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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