

Converting Colors

XYZ(14.0965, 11.1056, 20.4693)

Have a look what the booklet for
XYZ(14.0965, 11.1056, 20.4693)
contains.

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Color

**XYZ(14.1145, 11.1145,
20.4702)**

Conversions

Conversions Part 1

Format	Color
Hex	77507C
RGB	119, 80, 124
RGB Percent	47%, 31%, 49%
CMY	0.5333, 0.6863, 0.5137
CMYK	0.04, 0.35, 0.00, 0.51
HSL	293°, 22%, 40%
HSV	293°, 35%, 49%
XYZ	14.1145, 11.1145, 20.4702
YIQ	96.6770, 9.1200, 21.9520

Conversions

Conversions Part 2

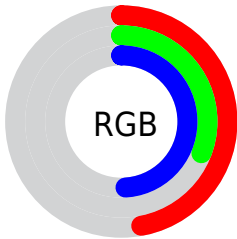
Format	Color
RYB	119, 80, 124
Decimal	7819388
CIELab	39.77, 24.38, -18.41
CIElCh	40, 30.550, 322.933
Yxy	11.1145, 0.3089, 0.2432
Android (android.graphics.Color)	4286009468 (0xFF77507C)
YUV	96.6770, 13.4702, 19.5773
Hunter-Lab	33.3384, 17.2294, -13.0679

Details

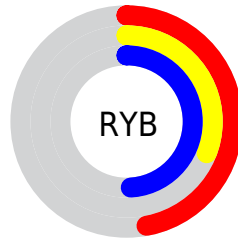
The XYZ color **14.1145, 11.1145, 20.4702** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **12.4023, 16.9261, 10.2033**, and the grayscale version is **11.2500, 11.8358, 12.8892**.

A 20% lighter version of the original color is **32.9317, 27.9102, 45.2465**, and **4.2963, 2.9173, 6.9933** is the 20% darker color. If you saturate the color by 10%, you get **13.0972, 9.3646, 20.1862**, and if you desaturate by 10%, it is **15.3030, 13.2020, 20.8106**.

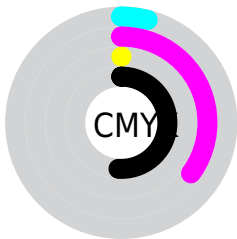
Distribution



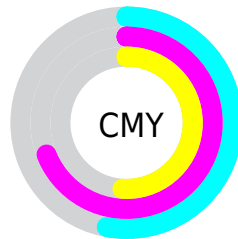
- Red (47%)
- Green (31%)
- Blue (49%)



- Red (47%)
- Yellow (31%)
- Blue (49%)



- Cyan (4%)
- Magenta (35%)
- Yellow (0%)
- Black (51%)



- Cyan (53%)
- Magenta (69%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1145, 11.1145, 20.4702 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 14.1145, 11.1145, 20.4702 by changing the saturation by 10% instead.

■ 14.1145, 11.1145,
20.4702

■ 14.1145, 11.1145,
20.4702

211.4384,
198.4514, 267.1373

■ 8.2826, 6.1439,
12.5498

■ 32.8766, 27.8717,
45.0734

■ 4.3296, 2.9328,
6.9922

■ 46.5375, 40.4271,
62.5933

■ 1.8902, 1.0967,
3.3789

■ 63.5388, 56.2795,
84.1502

■ 0.5712, 0.0000,
1.2912

■ 84.2458, 75.8134,
110.1625

■ 0.0000, 0.0000,
0.0546

■ 109.0240, 99.4132,
141.0488

■ 0.0000, 0.0000,
0.0000

138.2385,

127.4632, 177.2277

172.2549,
160.3478, 219.1177

■ 14.1145, 11.1145,
20.4702

■ 14.1145, 11.1145,
20.4702

■ 13.0972, 9.3646,
20.1862

■ 15.3030, 13.2020,
20.8106

■ 12.2407, 7.9325,
19.9549

■ 16.6701, 15.6427,
21.2097

■ 11.5353, 6.7982,
19.7732

■ 18.2241, 18.4530,
21.6702

■ 10.9697, 5.9392,
19.6372

■ 19.9726, 21.6478,
22.1947

■ 10.5309, 5.3298,
19.5427

■ 21.9226, 25.2413,
22.7856

■ 10.1976, 4.9270,
19.4825

■ 24.0807, 29.2468,
23.4450

■ 10.0573, 4.7645,
19.4585

■ 26.4535, 33.6771,
24.1751

■ 29.0469, 38.5445,
24.9779

■ 31.8669, 43.8605,
25.8553

Harmonies

Analogous

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



12.2123, 11.1145, 26.1355



14.1145, 11.1145, 20.4702



15.0861, 11.1145, 13.5769

Triad

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



14.1145, 11.1145, 20.4702



11.0672, 11.1145, 3.8849



7.2721, 11.1145, 17.1756

Complementary

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



14.1145, 11.1145, 20.4702



12.4023, 16.9261, 10.2033

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.



7.0500, 11.1145, 10.7376



14.1145, 11.1145, 20.4702



9.0711, 11.1145, 4.2842

Square

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



14.1145, 11.1145, 20.4702



13.1822, 11.1145, 5.0342



7.6652, 11.1145, 6.3959



8.3177, 11.1145, 23.8357

Rectangle

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



14.1145, 11.1145, 20.4702



14.9955, 11.1145, 9.6994



7.6652, 11.1145, 6.3959



7.1049, 11.1145, 14.8713

Sweetspot

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



14.1149, 11.1150, 20.4704



30.4486, 29.5337, 37.6524



10.2058, 9.6793, 20.3993



7.1022, 6.8313, 8.8473



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



14.1149, 11.1150, 20.4704



23.2914, 16.8938, 35.5899



13.8421, 11.0872, 15.3576



4.1118, 4.0555, 5.0093



10.2228, 4.8428, 19.7812



48.3092, 22.8663, 94.3372

Inverse Universe

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



12.8209, 10.6788, 9.9803



20.6898, 16.0298, 13.9136



12.6678, 16.9817, 13.8873



4.0151, 4.0218, 4.2773



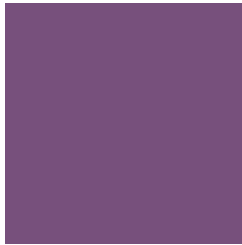
8.5308, 4.3885, 0.8200



40.5260, 20.8667, 3.0339

Previews

White Background



This preview shows how the XYZ color 14.1145, 11.1145, 20.4702 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 14.1145, 11.1145, 20.4702 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 14.1145, 11.1145, 20.4702

Background



This preview shows how black text looks on a background with the XYZ color 14.1145, 11.1145, 20.4702.



This preview shows how white text looks on a background with the XYZ color 14.1145, 11.1145,

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

14.1145, 11.1145, 20.4702

Protanopia

11.6108, 11.2993, 24.1233

Deuteranopia

11.3645, 11.1341, 19.9625



Tritanopia

12.3738, 11.0907, 11.8445

Trichromacy



Original Color

14.1145, 11.1145, 20.4702

Protanomaly

12.2383, 11.0240, 22.6019

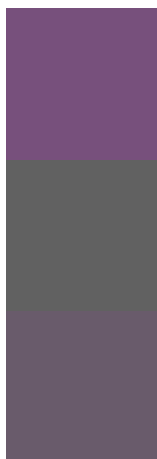
Deuteranomaly

12.2105, 11.0622, 20.2305

Tritanomaly

12.8715, 11.0531, 14.5518

Monochromacy



Original Color

14.1145, 11.1145, 20.4702

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

12.2206, 11.5470, 15.4946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1145, 11.1145, 20.4702 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(119, 80, 124)` looks like.

```
.text, #text, p{  
    color:rgb(119, 80, 124)  
}
```

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(119, 80, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 80, 124) }
```

Border

The CSS property to change the border of an element to XYZ 14.1145, 11.1145, 20.4702 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(119, 80, 124) }
```


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

```
.border{ border-color:rgb(119, 80, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 80, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 80, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 80, 124);  
box-shadow:4px 4px 4px 4px rgb(119, 80,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1145, 11.1145, 20.4702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 80, 124) }
```

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

```
.background{ background-color: rgb(119, 80,  
124) }
```

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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