

Converting Colors

XYZ(14.1460, 14.5727, 19.9867)

Have a look what the booklet for
XYZ(14.1460, 14.5727, 19.9867)
contains.

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Color

**XYZ(14.1377, 14.5477,
19.8321)**

Conversions

Conversions Part 1

Format	Color
Hex	676A78
RGB	103, 106, 120
RGB Percent	40%, 42%, 47%
CMY	0.5961, 0.5843, 0.5294
CMYK	0.14, 0.12, 0.00, 0.53
HSL	229°, 8%, 44%
HSV	229°, 14%, 47%
XYZ	14.1377, 14.5477, 19.8321
YIQ	106.6990, -6.2820, 3.7180

Conversions

Conversions Part 2

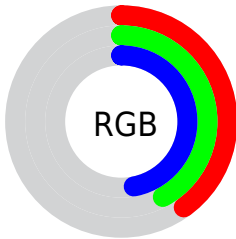
Format	Color
R_{YB}	103, 106, 120
Decimal	6777464
CIE Lab	45.01, 1.95, -8.18
CIE LCh	45, 8.414, 283.430
Yxy	14.5477, 0.2914, 0.2998
Android (android.graphics.Color)	4284967544 (0xFF676A78)
YUV	106.6990, 6.5574, -3.2440
Hunter-Lab	38.1414, -0.5838, -4.1295

Details

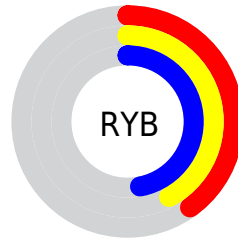
The XYZ color **14.1377, 14.5477, 19.8321** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.5552, 17.6948, 15.3751**, and the grayscale version is **13.8759, 14.5985, 15.8978**.

A 20% lighter version of the original color is **32.8298, 33.9625, 43.8548**, and **4.3646, 4.4366, 6.7572** is the 20% darker color. If you saturate the color by 10%, you get **11.8986, 11.9682, 19.4524**, and if you desaturate by 10%, it is **16.6926, 17.4650, 20.2608**.

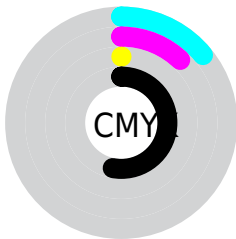
Distribution



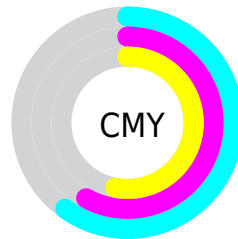
- Red (40%)
- Green (42%)
- Blue (47%)



- Red (40%)
- Yellow (42%)
- Blue (47%)



- Cyan (14%)
- Magenta (12%)
- Yellow (0%)
- Black (53%)



- Cyan (60%)
- Magenta (58%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1377, 14.5477, 19.8321 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 14.1377, 14.5477, 19.8321 by changing the saturation by 10% instead.

■ 14.1377, 14.5477,
19.8321

■ 14.1377, 14.5477,
19.8321

211.5793,
220.6120, 263.5788

■ 8.2988, 8.5026,
12.0902

■ 32.9174, 34.0577,
43.9908

■ 4.3402, 4.4182,
6.6818

■ 46.5889, 48.2914,
61.2446

■ 1.8963, 1.9101,
3.1885

■ 63.6021, 66.0234,
82.5062

■ 0.5747, 0.5545,
1.1917

■ 84.3222, 87.6382,
108.1940

■ 0.0000, 0.0000,
0.0000

109.1146,
113.5200, 138.7267

138.3447,

144.0533, 174.5226

172.3778,
179.6225, 216.0005

■ 14.1377, 14.5477,
19.8321

■ 14.1377, 14.5477,
19.8321

■ 11.8986, 11.9682,
19.4524

■ 16.6926, 17.4650,
20.2608

■ 9.9617, 9.7124,
19.1191

■ 19.5736, 20.7299,
20.7391

■ 8.3142, 7.7679,
18.8306

■ 22.7923, 24.3540,
21.2690

■ 6.9420, 6.1208,
18.5850

■ 26.3591, 28.3479,
21.8519

■ 5.8297, 4.7562,
18.3803

■ 30.2842, 32.7218,
22.4893

■ 4.9605, 3.6577,
18.2140

■ 34.5772, 37.4852,
23.1824

■ 4.3152, 2.8073,
18.0839

■ 39.2474, 42.6477,
23.9328

■ 3.8687, 2.1829,
17.9869

■ 44.3038, 48.2183,
24.7415

■ 3.6618, 1.8993,
17.9431

■ 49.7549, 54.2058,
25.6099

Harmonies

Analogous

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



13.4521, 14.5477, 19.7695



14.1377, 14.5477, 19.8321



14.7598, 14.5477, 18.7637

Triad

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



14.1377, 14.5477, 19.8321



14.8135, 14.5477, 13.3680



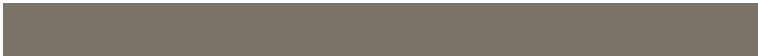
12.5937, 14.5477, 14.7805

Complementary

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



14.1377, 14.5477, 19.8321



16.5552, 17.6948, 15.3751

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.



12.9347, 14.5477, 13.2369



14.1377, 14.5477, 19.8321



14.2091, 14.5477, 12.4690

Square

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



14.1377, 14.5477, 19.8321



15.1586, 14.5477, 14.9735



13.5212, 14.5477, 12.4231



12.5760, 14.5477, 16.7393

Rectangle

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



14.1377, 14.5477, 19.8321



15.0485, 14.5477, 17.6017



13.5212, 14.5477, 12.4231



12.6738, 14.5477, 14.1999

Sweetspot

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



14.1381, 14.5483, 19.8324



29.3916, 30.7546, 35.6402



15.5142, 17.5983, 19.3730



6.8928, 7.2058, 8.4342



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.1381, 14.5483, 19.8324



23.5263, 24.0488, 34.6550



14.4717, 14.2691, 19.7609



3.8496, 3.9975, 5.0119



3.9866, 2.0556, 19.5719



18.5643, 8.9013, 93.2095

Inverse Universe

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



15.1978, 14.7345, 15.6794



25.7751, 24.4667, 25.8363



16.1848, 18.0313, 15.4596



4.0245, 4.0255, 4.3269



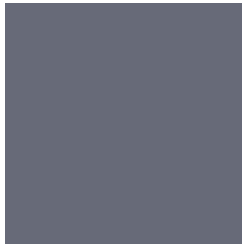
8.5956, 4.4144, 1.1612



40.7735, 20.9658, 4.3376

Previews

White Background



This preview shows how the XYZ color 14.1377, 14.5477, 19.8321 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 14.1377, 14.5477, 19.8321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

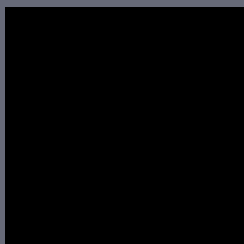
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

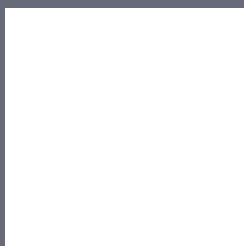
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.1377, 14.5477, 19.8321

Background



This preview shows how black text looks on a background with the XYZ color 14.1377, 14.5477, 19.8321.

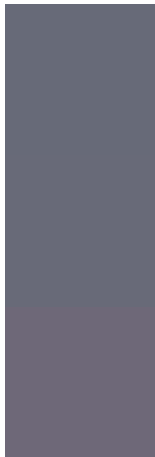


This preview shows how white text looks on a background with the XYZ color 14.1377, 14.5477,

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

14.1377, 14.5477, 19.8321

Protanopia

14.2531, 14.6072, 19.8375

Deuteranopia

14.7709, 14.5717, 19.8034



Tritanopia

13.8317, 14.5780, 18.3045

Trichromacy



Original Color

14.1377, 14.5477, 19.8321

Protanomaly

14.2531, 14.6072, 19.8375

Deuteranomaly

14.5051, 14.5850, 19.8200

Tritanomaly

13.9481, 14.6245, 18.9173

Monochromacy



Original Color

14.1377, 14.5477, 19.8321

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.1262, 14.7494, 17.4316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1377, 14.5477, 19.8321 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(103, 106, 120)` looks like.

```
.text, #text, p{  
    color:rgb(103, 106, 120)  
}
```

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(103, 106, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 106, 120) }
```

Border

The CSS property to change the border of an element to XYZ 14.1377, 14.5477, 19.8321 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(103, 106, 120) }
```


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

```
.border{ border-color:rgb(103, 106, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 106, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 106, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 106, 120);  
box-shadow:4px 4px 4px 4px rgb(103, 106,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1377, 14.5477, 19.8321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 106, 120) }
```

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

```
.background{ background-color: rgb(103,  
106, 120) }
```

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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