

Converting Colors

XYZ(14.1041, 15.2687, 41.6848)

Have a look what the booklet for
XYZ(14.1041, 15.2687, 41.6848)
contains.

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Color

**XYZ(14.1558, 15.3588,
41.7536)**

Conversions

Conversions Part 1

Format	Color
Hex	2072AD
RGB	32, 114, 173
RGB Percent	13%, 45%, 68%
CMY	0.8745, 0.5529, 0.3216
CMYK	0.81, 0.34, 0.00, 0.32
HSL	205°, 69%, 40%
HSV	205°, 81%, 68%
XYZ	14.1558, 15.3588, 41.7536
YIQ	96.2080, -67.8110, 0.9650

Conversions

Conversions Part 2

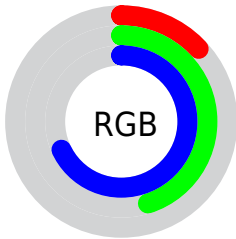
Format	Color
R _Y B	32, 84, 173
Decimal	2126509
CIE Lab	46.12, -2.73, -38.20
CIE LCh	46, 38.294, 265.909
Yxy	15.3588, 0.1986, 0.2155
Android (android.graphics.Color)	4280316589 (0xFF2072AD)
YUV	96.2080, 37.8585, -56.3104
Hunter-Lab	39.1903, -4.1076, -35.7347

Details

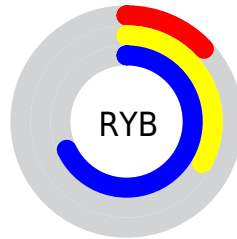
The XYZ color **14.1558, 15.3588, 41.7536** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **21.2368, 16.4731, 3.4278**, and the grayscale version is **11.0925, 11.6702, 12.7089**.

A 20% lighter version of the original color is **33.0346, 35.6389, 79.2666**, and **5.3973, 5.3704, 18.5214** is the 20% darker color. If you saturate the color by 10%, you get **12.9681, 13.5820, 41.4736**, and if you desaturate by 10%, it is **15.6913, 17.4113, 42.0692**.

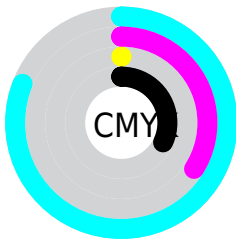
Distribution



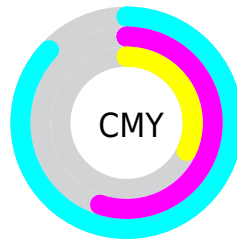
- Red (13%)
- Green (45%)
- Blue (68%)



- Red (13%)
- Yellow (33%)
- Blue (68%)



- Cyan (81%)
- Magenta (34%)
- Yellow (0%)
- Black (32%)



- Cyan (87%)
- Magenta (55%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1558, 15.3588, 41.7536 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 14.1558, 15.3588, 41.7536 by changing the saturation by 10% instead.

■ 14.1558, 15.3588,
41.7536

■ 14.1558, 15.3588,
41.7536

■ 211.6892,
225.5278, 369.2300

■ 8.3115, 9.0716,
28.5843

■ 32.9492, 35.4814,
79.0926

■ 4.3484, 4.7879,
18.5237

■ 46.6290, 50.0856,
104.0994

■ 1.9011, 2.1234,
11.1533

■ 63.6514, 68.2309,
133.8891

■ 0.5775, 0.6777,
6.0546

■ 84.3817, 90.3017,
168.8802

■ 0.0000, 0.0000,
2.8090

■ 109.1853,
116.6824, 209.4914

■ 0.0000, 0.0000,
0.9979

■ 138.4275,

■ 0.0000, 0.0000,

147.7573, 256.1410

0.0000

172.4737,
183.9110, 309.2477

■ 14.1558, 15.3588,
41.7536

■ 14.1558, 15.3588,
41.7536

■ 12.9681, 13.5820,
41.4736

■ 15.6913, 17.4113,
42.0692

■ 12.1582, 12.2478,
41.2587

■ 17.6132, 19.7608,
42.4214

■ 19.9561, 22.4275,
42.8126

■ 22.7501, 25.4290,
43.2447

■ 26.0222, 28.7811,
43.7193

■ 29.7974, 32.4985,
44.2378

■ 34.0985, 36.5950,
44.8018

■ 38.9470, 41.0833,
45.4126

■ 44.3633, 45.9757,
46.0715

Harmonies

Analogous

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



11.3614, 15.3588, 36.4102



14.1558, 15.3588, 41.7536



17.5093, 15.3588, 38.6024

Triad

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



14.1558, 15.3588, 41.7536



20.9875, 15.3588, 10.0462



10.0013, 15.3588, 8.5494

Complementary

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



14.1558, 15.3588, 41.7536



21.2368, 16.4731, 3.4278

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.



12.0289, 15.3588, 5.2213



14.1558, 15.3588, 41.7536



18.3976, 15.3588, 5.8327

Square

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



14.1558, 15.3588, 41.7536



21.7788, 15.3588, 18.0357



15.0495, 15.3588, 4.4536



9.1997, 15.3588, 15.4758

Rectangle

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



14.1558, 15.3588, 41.7536



19.5744, 15.3588, 32.5661



15.0495, 15.3588, 4.4536



10.5459, 15.3588, 7.0898

Sweetspot

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



14.1564, 15.3593, 41.7540



51.2926, 56.1870, 78.9475



17.4177, 30.9458, 14.8980



10.6381, 11.7101, 17.0873



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



14.1564, 15.3593, 41.7540



21.8669, 22.0362, 73.9067



9.0308, 5.1082, 40.0455



7.9512, 8.5017, 10.1746



8.9894, 9.1126, 30.3296



0.3025, 0.3584, 0.8612

Inverse Universe

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



20.7879, 11.1330, 16.9731



35.1037, 17.6849, 23.5270



30.2835, 34.5665, 6.4433



8.1932, 8.0905, 9.3280



14.4011, 7.2230, 9.7574



0.4271, 0.2115, 0.4109

Previews

White Background



This preview shows how the XYZ color 14.1558, 15.3588, 41.7536 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 14.1558, 15.3588, 41.7536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

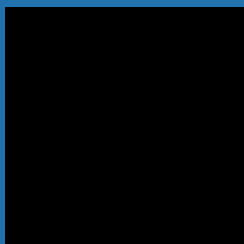
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

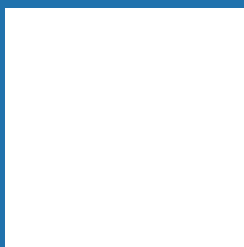
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.1558, 15.3588, 41.7536

Background



This preview shows how black text looks on a background with the XYZ color 14.1558, 15.3588, 41.7536.



This preview shows how white text looks on a background with the XYZ color 14.1558, 15.3588,

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

14.1558, 15.3588, 41.7536

Protanopia

16.1632, 15.3316, 38.6666

Deuteranopia

15.7072, 15.3329, 42.1761



Tritanopia

10.8666, 15.2865, 23.4969

Trichromacy



Original Color

14.1558, 15.3588, 41.7536

Protanomaly

15.0521, 15.2097, 39.6786

Deuteranomaly

15.0118, 15.2947, 42.2054

Tritanomaly

11.8184, 15.1104, 29.4878

Monochromacy



Original Color

14.1558, 15.3588, 41.7536

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.2360, 12.5722, 20.9033

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1558, 15.3588, 41.7536 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(32, 114, 173)` looks like.

```
.text, #text, p{  
    color:rgb(32, 114, 173)  
}
```

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(32, 114, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 114, 173) }
```

Border

The CSS property to change the border of an element to XYZ 14.1558, 15.3588, 41.7536 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(32, 114, 173) }
```


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

```
.border{ border-color:rgb(32, 114, 173) }
```

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

Here you see how a box with a 4 pixel rgb(32, 114, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 114, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 114, 173);  
box-shadow:4px 4px 4px 4px rgb(32, 114,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1558, 15.3588, 41.7536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 114, 173) }
```

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

```
.background{ background-color: rgb(32, 114,  
173) }
```

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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