

Converting Colors

XYZ(14.1017, 14.5506, 6.6445)

Have a look what the booklet for
XYZ(14.1017, 14.5506, 6.6445)
contains.

XYZ(14.1320, 14.5335, 6.6178)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.1320, 14.5335,
6.6178)**

Conversions

Conversions Part 1

Format	Color
Hex	7C683E
RGB	124, 104, 62
RGB Percent	49%, 41%, 24%
CMY	0.5137, 0.5921, 0.7569
CMYK	0.00, 0.16, 0.50, 0.51
HSL	41°, 33%, 36%
HSV	41°, 50%, 49%
XYZ	14.1320, 14.5335, 6.6178
YIQ	105.1920, 25.4020, -8.8220

Conversions

Conversions Part 2

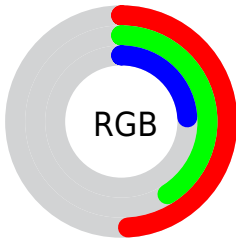
Format	Color
RYB	92, 124, 62
Decimal	8153150
CIELab	44.99, 2.00, 26.52
CIELCh	45, 26.593, 85.678
Yxy	14.5335, 0.4005, 0.4119
Android (android.graphics.Color)	4286343230 (0xFF7C683E)
YUV	105.1920, -21.2937, 16.4946
Hunter-Lab	38.1228, -0.5456, 16.3937

Details

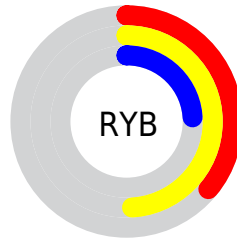
The XYZ color **14.1320, 14.5335, 6.6178** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.6419, 8.5136, 20.2566**, and the grayscale version is **13.5307, 14.2354, 15.5023**.

A 20% lighter version of the original color is **32.8959, 34.0335, 19.5872**, and **4.3120, 4.3832, 1.1491** is the 20% darker color. If you saturate the color by 10%, you get **13.4369, 13.6270, 4.8948**, and if you desaturate by 10%, it is **14.9246, 15.5106, 8.7569**.

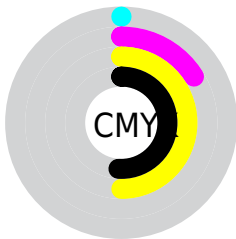
Distribution



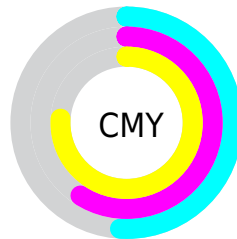
- Red (49%)
- Green (41%)
- Blue (24%)



- Red (36%)
- Yellow (49%)
- Blue (24%)



- Cyan (0%)
- Magenta (16%)
- Yellow (50%)
- Black (51%)



- Cyan (51%)
- Magenta (59%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1320, 14.5335, 6.6178 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 14.1320, 14.5335, 6.6178 by changing the saturation by 10% instead.

■ 14.1320, 14.5335,
6.6178

■ 14.1320, 14.5335,
6.6178

211.5447,
220.5250, 173.9577

■ 8.2948, 8.4926,
3.1494

■ 32.9074, 34.0327,
19.6997

■ 4.3376, 4.4118,
1.1714

■ 46.5763, 48.2598,
30.1503

■ 1.8948, 1.9065,
0.0000

■ 63.5865, 65.9845,
43.7655

■ 0.5738, 0.5523,
0.0000

■ 84.3034, 87.5911,
60.9636

■ 0.0000, 0.0000,
0.0000

■ 109.0923,
113.4641, 82.1634

■ 138.3186,

143.9878, 107.7833

172.3476,
179.5466, 138.2419

■ 14.1320, 14.5335,
6.6178

■ 14.1320, 14.5335,
6.6178

■ 13.4369, 13.6270,
4.8948

■ 14.9246, 15.5106,
8.7569

■ 12.8326, 12.7865,
3.5585

■ 15.8188, 16.5588,
11.3367

■ 12.3131, 12.0096,
2.5776

■ 16.8195, 17.6809,
14.3811

■ 11.8712, 11.2930,
1.9149

■ 17.9312, 18.8792,
17.9120

■ 11.4830, 10.6267,
1.4460

■ 19.1580, 20.1557,
21.9498

■ 11.4830, 10.6267,
1.4459

■ 20.5038, 21.5124,
26.5139

■ 21.9723, 22.9510,
31.6225

■ 23.5669, 24.4733,
37.2929

■ 25.2911, 26.0811,
43.5419

Harmonies

Analogous

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



16.3148, 14.5335, 7.8357



14.1320, 14.5335, 6.6178



12.0756, 14.5335, 7.2829

Triad

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



14.1320, 14.5335, 6.6178



10.3694, 14.5335, 21.6179



17.5733, 14.5335, 23.6054

Complementary

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



14.1320, 14.5335, 6.6178



8.6419, 8.5136, 20.2566

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.



15.7110, 14.5335, 29.2987



14.1320, 14.5335, 6.6178



11.5822, 14.5335, 27.9555

Square

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



14.1320, 14.5335, 6.6178



10.0409, 14.5335, 14.9368



13.5001, 14.5335, 31.0696



18.4298, 14.5335, 16.7467

Rectangle

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



14.1320, 14.5335, 6.6178



11.0263, 14.5335, 8.8309



13.5001, 14.5335, 31.0696



17.0352, 14.5335, 25.7827

Sweetspot

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



14.1324, 14.5342, 6.6181



30.4820, 32.0765, 28.0838



11.5834, 8.3498, 9.1176



7.0997, 7.4687, 6.3638



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.



14.1324, 14.5342, 6.6181



23.4847, 23.7626, 8.2382



14.9733, 18.3182, 7.3042



4.2039, 4.4263, 4.2573



11.6711, 10.7982, 1.4691



54.8760, 49.9154, 6.7424

Inverse Universe

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



8.6419, 8.5136, 20.2566



12.6572, 11.9070, 35.1878



8.0582, 6.2912, 19.8584



3.8934, 4.0852, 5.0265



4.4674, 3.0173, 19.7322



20.6161, 13.0048, 93.8934

Previews

White Background



This preview shows how the XYZ color 14.1320, 14.5335, 6.6178 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 14.1320, 14.5335, 6.6178 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 14.1320, 14.5335, 6.6178

Background



This preview shows how black text looks on a background with the XYZ color 14.1320, 14.5335, 6.6178.



This preview shows how white text looks on a background with the XYZ color 14.1320, 14.5335,

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

14.1320, 14.5335, 6.6178

Protanopia

13.4910, 14.6562, 6.8205

Deuteranopia

14.8545, 14.6075, 6.7392



Tritanopia

15.9654, 14.5535, 15.6033

Trichromacy



Original Color

14.1320, 14.5335, 6.6178

Protanomaly

13.7970, 14.6600, 6.8051

Deuteranomaly

14.6495, 14.6486, 6.7580

Tritanomaly

15.2515, 14.5576, 11.6789

Monochromacy



Original Color

14.1320, 14.5335, 6.6178

Achromatopsia

13.4271, 14.1263, 15.3836

Achromatomaly

13.5368, 14.2692, 11.4919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1320, 14.5335, 6.6178 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(124, 104, 62)` looks like.

```
.text, #text, p{  
    color:rgb(124, 104, 62)  
}
```

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(124, 104, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 104, 62) }
```

Border

The CSS property to change the border of an element to XYZ 14.1320, 14.5335, 6.6178 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(124, 104, 62) }
```


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

```
.border{ border-color:rgb(124, 104, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 104, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 104, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 104, 62);  
box-shadow:4px 4px 4px 4px rgb(124, 104,  
62) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1320, 14.5335, 6.6178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 104, 62) }
```

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

```
.background{ background-color: rgb(124,  
104, 62) }
```

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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