

Converting Colors

XYZ(13.9842, 15.3409, 6.1792)

Have a look what the booklet for
XYZ(13.9842, 15.3409, 6.1792)
contains.

XYZ(14.0854, 15.4504, 6.2428)	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(14.0854, 15.4504,
6.2428)**

Conversions

Conversions Part 1

Format	Color
Hex	786E3A
RGB	120, 110, 58
RGB Percent	47%, 43%, 23%
CMY	0.5294, 0.5686, 0.7725
CMYK	0.00, 0.08, 0.52, 0.53
HSL	50°, 35%, 35%
HSV	50°, 52%, 47%
XYZ	14.0854, 15.4504, 6.2428
YIQ	107.0620, 22.6520, -14.0520

Conversions

Conversions Part 2

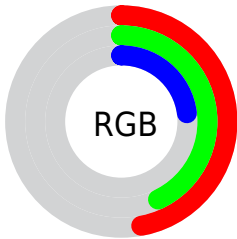
Format	Color
R_YB	70, 120, 58
Decimal	7892538
CIE Lab	46.25, -3.70, 30.20
CIE LCh	46, 30.425, 96.991
Yxy	15.4504, 0.3937, 0.4318
Android (android.graphics.Color)	4286082618 (0xFF786E3A)
YUV	107.0620, -24.1876, 11.3466
Hunter-Lab	39.3070, -4.8230, 18.0984

Details

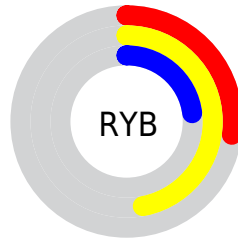
The XYZ color **14.0854, 15.4504, 6.2428** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **7.2022, 6.3897, 18.6231**, and the grayscale version is **14.0532, 14.7851, 16.1010**.

A 20% lighter version of the original color is **32.8019, 35.5290, 18.7646**, and **4.2981, 4.8468, 1.0568** is the 20% darker color. If you saturate the color by 10%, you get **13.6087, 14.9299, 4.7494**, and if you desaturate by 10%, it is **14.6386, 16.0100, 8.1133**.

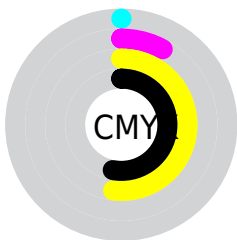
Distribution



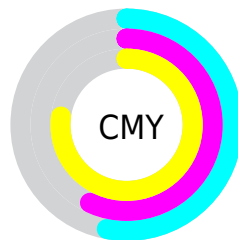
- Red (47%)
- Green (43%)
- Blue (23%)



- Red (27%)
- Yellow (47%)
- Blue (23%)



- Cyan (0%)
- Magenta (8%)
- Yellow (52%)
- Black (53%)



- Cyan (53%)
- Magenta (57%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0854, 15.4504, 6.2428 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 14.0854, 15.4504, 6.2428 by changing the saturation by 10% instead.

■ 14.0854, 15.4504,
6.2428

■ 14.0854, 15.4504,
6.2428

211.2615,
226.0764, 170.5996

■ 8.2622, 9.1361,
2.9221

■ 32.8255, 35.6414,
18.9191

■ 4.3164, 4.8301,
1.0550

■ 46.4731, 50.2869,
29.1118

■ 1.8826, 2.1479,
0.0000

■ 63.4595, 68.4782,
42.4322

■ 0.5667, 0.6914,
0.0000

■ 84.1501, 90.5998,
59.2990

■ 0.0000, 0.0000,
0.0000

■ 108.9102,
117.0360, 80.1305

■ 138.1053,

148.1713, 105.3454

172.1005,
184.3899, 135.3623

■ 14.0854, 15.4504,
6.2428

■ 14.0854, 15.4504,
6.2428

■ 13.6087, 14.9299,
4.7494

■ 14.6386, 16.0100,
8.1133

■ 13.2023, 14.4441,
3.6056

■ 15.2718, 16.6083,
10.3837

■ 12.8609, 13.9916,
2.7819

■ 15.9895, 17.2478,
13.0764

■ 12.5778, 13.5696,
2.2435

■ 16.7955, 17.9301,
16.2117

■ 12.3656, 13.2328,
1.9024

■ 17.6936, 18.6567,
19.8085

■ 18.6872, 19.4290,
23.8848

■ 19.7794, 20.2483,
28.4575

■ 20.9735, 21.1160,
33.5428

■ 22.2722, 22.0332,
39.1560

Harmonies

Analogous

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



16.7257, 15.4504, 6.7910



14.0854, 15.4504, 6.2428



11.8796, 15.4504, 7.7873

Triad

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



14.0854, 15.4504, 6.2428



11.0453, 15.4504, 26.9838



19.7802, 15.4504, 23.0579

Complementary

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



14.0854, 15.4504, 6.2428



7.2022, 6.3897, 18.6231

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.



17.9009, 15.4504, 31.0339



14.0854, 15.4504, 6.2428



12.8177, 15.4504, 33.7278

Square

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



14.0854, 15.4504, 6.2428



10.2636, 15.4504, 18.6252



15.3017, 15.4504, 35.3952



20.2229, 15.4504, 15.1407

Rectangle

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



14.0854, 15.4504, 6.2428



10.8814, 15.4504, 10.1703



15.3017, 15.4504, 35.3952



19.2856, 15.4504, 25.8829

Sweetspot

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



14.0858, 15.4511, 6.2431



28.9970, 31.0826, 26.3792



10.3125, 7.4408, 6.4152



6.8144, 7.3176, 6.0272



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.



14.0858, 15.4511, 6.2431



23.7936, 26.0960, 7.9355



12.6624, 16.4100, 6.5032



4.2554, 4.5292, 4.2744



13.4816, 14.4192, 2.0726



63.7875, 67.7385, 9.7129

Inverse Universe

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



7.2022, 6.3897, 18.6231



10.2659, 8.3043, 32.3149



8.1002, 6.0303, 18.5064



3.8451, 3.9884, 5.0104



3.9512, 1.9849, 19.5602



18.4249, 8.6225, 93.1630

Previews

White Background



This preview shows how the XYZ color 14.0854, 15.4504, 6.2428 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 14.0854, 15.4504, 6.2428 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 14.0854, 15.4504, 6.2428

Background



This preview shows how black text looks on a background with the XYZ color 14.0854, 15.4504, 6.2428.



This preview shows how white text looks on a background with the XYZ color 14.0854, 15.4504,

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

14.0854, 15.4504, 6.2428

Protanopia

14.2248, 15.5223, 6.2494

Deuteranopia

15.5712, 15.2847, 6.2672



Tritanopia

16.3324, 15.4305, 17.4468

Trichromacy



Original Color

14.0854, 15.4504, 6.2428

Protanomaly

14.2248, 15.5223, 6.2494

Deuteranomaly

14.9967, 15.2910, 6.2987

Tritanomaly

15.2542, 15.2917, 12.2728

Monochromacy



Original Color

14.0854, 15.4504, 6.2428

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

13.8478, 14.8911, 11.5956

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0854, 15.4504, 6.2428 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(120, 110, 58)` looks like.

```
.text, #text, p{  
    color:rgb(120, 110, 58)  
}
```

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(120, 110, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 110, 58) }
```

Border

The CSS property to change the border of an element to XYZ 14.0854, 15.4504, 6.2428 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(120, 110, 58) }
```


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

```
.border{ border-color:rgb(120, 110, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 110, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 110, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 110, 58);  
box-shadow:4px 4px 4px 4px rgb(120, 110,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0854, 15.4504, 6.2428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 110, 58) }
```

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

```
.background{ background-color: rgb(120,  
110, 58) }
```

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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