

Converting Colors

XYZ(14.4518, 18.1693, 7.3495)

Have a look what the booklet for
XYZ(14.4518, 18.1693, 7.3495)
contains.

XYZ(14.5098, 18.2662, 7.3184)	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(14.5098, 18.2662,
7.3184)**

Conversions

Conversions Part 1

Format	Color
Hex	6D7D3E
RGB	109, 125, 62
RGB Percent	43%, 49%, 24%
CMY	0.5725, 0.5098, 0.7569
CMYK	0.13, 0.00, 0.50, 0.51
HSL	75°, 34%, 37%
HSV	75°, 50%, 49%
XYZ	14.5098, 18.2662, 7.3184
YIQ	113.0340, 10.6870, -22.9850

Conversions

Conversions Part 2

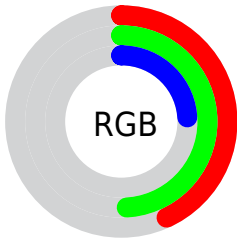
Format	Color
RYB	62, 125, 78
Decimal	7175486
CIELab	49.82, -16.47, 32.16
CIElCh	50, 36.133, 117.118
Yxy	18.2662, 0.3619, 0.4556
Android (android.graphics.Color)	4285365566 (0xFF6D7D3E)
YUV	113.0340, -25.1598, -3.5378
Hunter-Lab	42.7390, -14.1928, 19.7648

Details

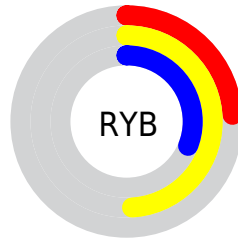
The XYZ color **14.5098, 18.2662, 7.3184** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.5668, 6.5461, 20.2150**, and the grayscale version is **15.7766, 16.5982, 18.0754**.

A 20% lighter version of the original color is **33.6899, 40.6699, 21.1133**, and **4.5341, 6.1640, 1.4027** is the 20% darker color. If you saturate the color by 10%, you get **13.8221, 17.9474, 5.6972**, and if you desaturate by 10%, it is **15.2914, 18.6254, 9.3567**.

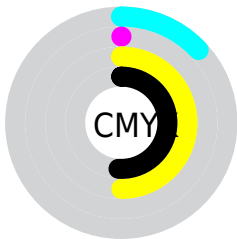
Distribution



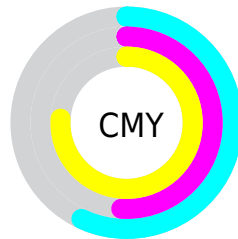
- Red (43%)
- Green (49%)
- Blue (24%)



- Red (24%)
- Yellow (49%)
- Blue (31%)



- Cyan (13%)
- Magenta (0%)
- Yellow (50%)
- Black (51%)



- Cyan (57%)
- Magenta (51%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5098, 18.2662, 7.3184 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 14.5098, 18.2662, 7.3184 by changing the saturation by 10% instead.

■ 14.5098, 18.2662,
7.3184

■ 14.5098, 18.2662,
7.3184

213.8274,
242.3672, 180.0138

■ 8.5601, 11.1413,
3.5806

■ 33.5697, 40.4904,
21.1346

■ 4.5102, 6.1619,
1.3982

■ 47.4106, 56.3585,
32.0501

■ 1.9946, 2.9438,
0.1403

■ 64.6126, 75.9097,
46.1952

■ 0.6309, 1.1025,
0.0000

■ 85.5412, 99.5285,
63.9884

■ 0.0000, 0.0000,
0.0000

■ 110.5616,
127.5993, 85.8484

■ 140.0392,

160.5064, 112.1936

174.3393,
198.6342, 143.4425

■ 14.5098, 18.2662,
7.3184

■ 14.5098, 18.2662,
7.3184

■ 13.8221, 17.9474,
5.6972

■ 15.2914, 18.6254,
9.3567

■ 13.2214, 17.6645,
4.4631

■ 16.1708, 19.0248,
11.8372

■ 12.7017, 17.4155,
3.5838

■ 17.1530, 19.4669,
14.7842

■ 12.2558, 17.1976,
3.0214

■ 18.2425, 19.9537,
18.2200

■ 11.8737, 17.0083,
2.6571

■ 19.4433, 20.4866,
22.1656

■ 20.7594, 21.0674,
26.6405

■ 22.1943, 21.6974,
31.6633

■ 23.7515, 22.3781,
37.2519

■ 25.4345, 23.1109,
43.4230

Harmonies

Analogous

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



17.6972, 18.2662, 6.3087



14.5098, 18.2662, 7.3184



12.3651, 18.2662, 11.2545

Triad

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



14.5098, 18.2662, 7.3184



14.0032, 18.2662, 40.4903



24.8654, 18.2662, 20.8595

Complementary

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



14.5098, 18.2662, 7.3184



8.5668, 6.5461, 20.2150

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.



23.5496, 18.2662, 32.0893



14.5098, 18.2662, 7.3184



17.0300, 18.2662, 45.5373

Square

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



14.5098, 18.2662, 7.3184



12.1010, 18.2662, 29.8665



20.5643, 18.2662, 42.0443



23.9607, 18.2662, 12.4249

Rectangle

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



14.5098, 18.2662, 7.3184



11.6643, 18.2662, 15.9467



20.5643, 18.2662, 42.0443



24.6645, 18.2662, 24.4323

Sweetspot

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



14.5102, 18.2670, 7.3188



31.6736, 35.2877, 29.4608



12.0342, 10.1216, 5.8771



7.1289, 7.9928, 6.4634



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.



14.5102, 18.2670, 7.3188



24.6306, 32.0817, 9.9379



11.3251, 16.6250, 7.1697



4.5621, 4.9662, 4.6383



12.3853, 17.7472, 2.7728



0.0000, 0.0000, 0.0000

Inverse Universe

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



8.5668, 6.5461, 20.2150



12.7665, 8.6456, 35.7403



11.7624, 8.1934, 20.3646



4.2033, 4.2604, 5.4141



4.4712, 1.8587, 20.3731



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.5098, 18.2662, 7.3184 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 14.5098, 18.2662, 7.3184 looks on a black 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

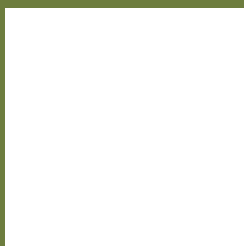
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.5098, 18.2662, 7.3184

Background



This preview shows how black text looks on a background with the XYZ color 14.5098, 18.2662, 7.3184.



This preview shows how white text looks on a background with the XYZ color 14.5098, 18.2662,

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

14.5098, 18.2662, 7.3184

Protanopia

16.6541, 18.1084, 6.8925

Deuteranopia

18.5363, 18.2117, 7.5393



Tritanopia

17.6453, 18.2711, 22.6753

Trichromacy



Original Color

14.5098, 18.2662, 7.3184

Protanomaly

15.8481, 18.2226, 7.0969

Deuteranomaly

16.8024, 17.9983, 7.4389

Tritanomaly

16.2250, 18.2314, 15.4958

Monochromacy



Original Color

14.5098, 18.2662, 7.3184

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.0638, 16.9755, 13.0723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5098, 18.2662, 7.3184 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(109, 125, 62)` looks like.

```
.text, #text, p{  
    color:rgb(109, 125, 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(109, 125, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 125, 62) }
```

Border

The CSS property to change the border of an element to XYZ 14.5098, 18.2662, 7.3184 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(109, 125, 62) }
```


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

```
.border{ border-color:rgb(109, 125, 62) }
```

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

Here you see how a box with a 4 pixel rgb(109, 125, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 125, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 125, 62);  
box-shadow:4px 4px 4px 4px rgb(109, 125,  
62) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5098, 18.2662, 7.3184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 125, 62) }
```

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

```
.background{ background-color: rgb(109,  
125, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor