

Converting Colors

XYZ(15.0009, 14.4240, 18.4561)

Have a look what the booklet for
XYZ(15.0009, 14.4240, 18.4561)
contains.

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Color

**XYZ(14.9740, 14.4085,
18.5149)**

Conversions

Conversions Part 1

Format	Color
Hex	736674
RGB	115, 102, 116
RGB Percent	45%, 40%, 45%
CMY	0.5490, 0.6000, 0.5451
CMYK	0.01, 0.12, 0.00, 0.55
HSL	296°, 6%, 43%
HSV	296°, 12%, 45%
XYZ	14.9740, 14.4085, 18.5149
YIQ	107.4830, 3.2540, 7.1100

Conversions

Conversions Part 2

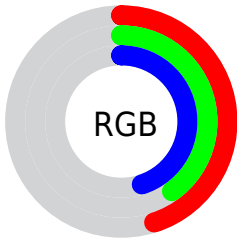
Format	Color
R_{YB}	115, 102, 116
Decimal	7562868
CIE Lab	44.81, 7.92, -5.95
CIE LCh	45, 9.907, 323.071
Yxy	14.4085, 0.3126, 0.3008
Android (android.graphics.Color)	4285752948 (0xFF736674)
YUV	107.4830, 4.1989, 6.5924
Hunter-Lab	37.9585, 3.9878, -2.3487

Details

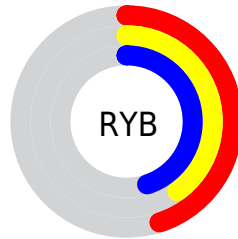
The XYZ color **14.9740, 14.4085, 18.5149** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.2376, 16.3340, 14.9734**, and the grayscale version is **14.0977, 14.8319, 16.1519**.

A 20% lighter version of the original color is **34.3955, 33.8251, 41.7619**, and **4.7243, 4.3430, 6.0581** is the 20% darker color. If you saturate the color by 10%, you get **13.8046, 12.2304, 18.1563**, and if you desaturate by 10%, it is **16.3048, 16.9075, 18.9273**.

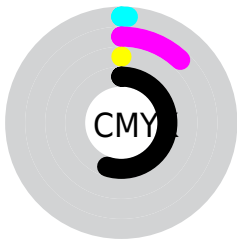
Distribution



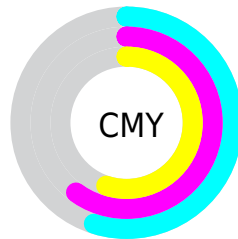
- Red (45%)
- Green (40%)
- Blue (45%)



- Red (45%)
- Yellow (40%)
- Blue (45%)



- Cyan (1%)
- Magenta (12%)
- Yellow (0%)
- Black (55%)



- Cyan (55%)
- Magenta (60%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9740, 14.4085, 18.5149 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 14.9740, 14.4085, 18.5149 by changing the saturation by 10% instead.

■ 14.9740, 14.4085,
18.5149

■ 14.9740, 14.4085,
18.5149

216.6003,
219.7575, 256.0903

■ 8.8873, 8.4053,
11.1470

■ 34.3796, 33.8121,
41.7385

■ 4.7243, 4.3554,
6.0504

■ 48.4292, 47.9813,
58.4313

■ 2.1195, 1.8743,
2.8065

■ 65.8639, 65.6414,
79.0695

■ 0.6998, 0.5328,
0.9967

■ 87.0490, 87.1766,
104.0716

■ 0.0000, 0.0000,
0.0000

112.3498,
112.9715, 133.8562

142.1317,

143.4103, 168.8419

176.7601,
178.8775, 209.4471

■ 14.9740, 14.4085,
18.5149

■ 14.9740, 14.4085,
18.5149

■ 13.8046, 12.2304,
18.1563

■ 16.3048, 16.9075,
18.9273

■ 12.7886, 10.3581,
17.8485

■ 17.8019, 19.7378,
19.3947

■ 11.9196, 8.7781,
17.5893

■ 19.4717, 22.9119,
19.9194

■ 11.1898, 7.4752,
17.3763

■ 21.3196, 26.4410,
20.5032

■ 10.5911, 6.4329,
17.2067

■ 23.3511, 30.3356,
21.1478

■ 10.1141, 5.6328,
17.0774

■ 25.5712, 34.6061,
21.8551

■ 9.7486, 5.0541,
16.9849

■ 27.9849, 39.2622,
22.6266

■ 9.4823, 4.6724,
16.9253

■ 30.5969, 44.3134,
23.4639

■ 9.3024, 4.4314,
16.8883

■ 33.4117, 49.7689,
24.3686

Harmonies

Analogous

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



14.3124, 14.4085, 20.1458



14.9740, 14.4085, 18.5149



15.2949, 14.4085, 16.2311

Triad

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



14.9740, 14.4085, 18.5149



13.8830, 14.4085, 11.6749



12.3153, 14.4085, 17.4964

Complementary

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



14.9740, 14.4085, 18.5149



14.2376, 16.3340, 14.9734

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.



12.2105, 14.4085, 15.1580



14.9740, 14.4085, 18.5149



13.0953, 14.4085, 11.9424

Square

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



14.9740, 14.4085, 18.5149



14.6492, 14.4085, 12.3952



12.4907, 14.4085, 13.1653



12.7829, 14.4085, 19.5186

Rectangle

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



14.9740, 14.4085, 18.5149



15.2638, 14.4085, 14.7040



12.4907, 14.4085, 13.1653



12.2373, 14.4085, 16.7158

Sweetspot

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



14.9744, 14.4091, 18.5152



28.1616, 28.7801, 33.1154



13.4993, 13.8201, 18.4793



6.6818, 6.7971, 7.8888



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



14.9744, 14.4091, 18.5152



25.8272, 24.4037, 32.3937



14.7778, 14.3457, 16.7900



3.8021, 3.7453, 4.6128



10.4329, 4.9697, 18.9519



50.5363, 24.0609, 92.3409

Inverse Universe

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



14.4025, 14.1956, 14.8134



24.6513, 23.9652, 24.7605



14.4233, 16.3951, 16.5458



3.6936, 3.7047, 3.9132



8.1307, 4.1860, 0.6304



39.4964, 20.3487, 2.4116

Previews

White Background



This preview shows how the XYZ color 14.9740, 14.4085, 18.5149 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 14.9740, 14.4085, 18.5149 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 14.9740, 14.4085, 18.5149

Background



This preview shows how black text looks on a background with the XYZ color 14.9740, 14.4085, 18.5149.



This preview shows how white text looks on a background with the XYZ color 14.9740, 14.4085,

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

14.9740, 14.4085, 18.5149

Protanopia

14.0305, 14.3542, 19.1707

Deuteranopia

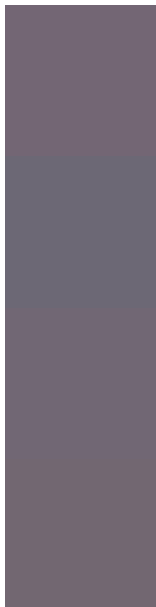
14.6847, 14.4062, 18.5297



Tritanopia

14.6589, 14.4256, 17.0507

Trichromacy



Original Color

14.9740, 14.4085, 18.5149

Protanomaly

14.3455, 14.3731, 18.8478

Deuteranomaly

14.8127, 14.4722, 18.5357

Tritanomaly

14.7703, 14.4702, 17.6373

Monochromacy



Original Color

14.9740, 14.4085, 18.5149

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.2965, 14.5439, 16.8056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9740, 14.4085, 18.5149 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(115, 102, 116)` looks like.

```
.text, #text, p{  
    color:rgb(115, 102, 116)  
}
```

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(115, 102, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 102, 116) }
```

Border

The CSS property to change the border of an element to XYZ 14.9740, 14.4085, 18.5149 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(115, 102, 116) }
```


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

```
.border{ border-color:rgb(115, 102, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 102, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 102, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 102, 116);  
box-shadow:4px 4px 4px 4px rgb(115, 102,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9740, 14.4085, 18.5149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 102, 116) }
```

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

```
.background{ background-color: rgb(115,  
102, 116) }
```

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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