

Converting Colors

XYZ(14.6080, 15.1229, 14.8829)

Have a look what the booklet for
XYZ(14.6080, 15.1229, 14.8829)
contains.

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Color

**XYZ(14.6453, 15.0721,
14.9693)**

Conversions

Conversions Part 1

Format	Color
Hex	726B67
RGB	114, 107, 103
RGB Percent	45%, 42%, 40%
CMY	0.5529, 0.5804, 0.5961
CMYK	0.00, 0.06, 0.10, 0.55
HSL	22°, 5%, 43%
HSV	22°, 10%, 45%
XYZ	14.6453, 15.0721, 14.9693
YIQ	108.6370, 5.4560, 0.2400

Conversions

Conversions Part 2

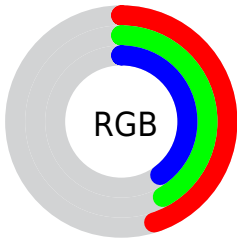
Format	Color
R_{YB}	114, 109, 103
Decimal	7498599
CIE Lab	45.73, 1.97, 3.21
CIE LCh	46, 3.766, 58.549
Yxy	15.0721, 0.3277, 0.3373
Android (android.graphics.Color)	4285688679 (0xFF726B67)
YUV	108.6370, -2.7790, 4.7034
Hunter-Lab	38.8228, -0.6035, 4.3149

Details

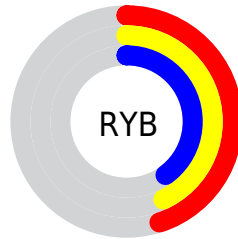
The XYZ color **14.6453, 15.0721, 14.9693** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.2066, 15.2500, 18.1144**, and the grayscale version is **14.4400, 15.1920, 16.5441**.

A 20% lighter version of the original color is **33.7855, 34.8938, 35.5263**, and **4.5764, 4.6755, 4.4026** is the 20% darker color. If you saturate the color by 10%, you get **13.3872, 13.4098, 11.9168**, and if you desaturate by 10%, it is **16.0457, 16.8938, 18.4546**.

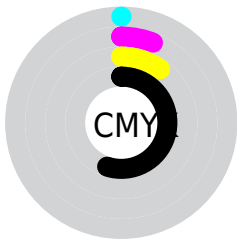
Distribution



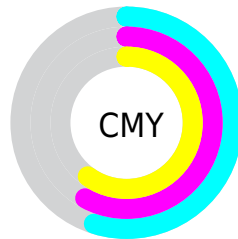
- Red (45%)
- Green (42%)
- Blue (40%)



- Red (45%)
- Yellow (43%)
- Blue (40%)



- Cyan (0%)
- Magenta (6%)
- Yellow (10%)
- Black (55%)



- Cyan (55%)
- Magenta (58%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6453, 15.0721, 14.9693 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 14.6453, 15.0721, 14.9693 by changing the saturation by 10% instead.

■ 14.6453, 15.0721,
14.9693

■ 14.6453, 15.0721,
14.9693

214.6404,
223.8022, 234.8147

■ 8.6555, 8.8700,
8.6515

■ 33.8065, 34.9796,
35.5409

■ 4.5725, 4.6565,
4.4209

■ 47.7086, 49.4538,
50.6316

■ 2.0308, 2.0472,
1.8589

■ 64.9790, 67.4542,
69.4838

■ 0.6512, 0.6347,
0.4664

■ 85.9828, 89.3651,
92.5160

■ 0.0000, 0.0000,
0.0000

111.0855,
115.5710, 120.1466

140.6524,

146.4562, 152.7942

175.0489,
182.4051, 190.8774

■ 14.6453, 15.0721,
14.9693

■ 14.6453, 15.0721,
14.9693

■ 13.3872, 13.4098,
11.9168

■ 16.0457, 16.8938,
18.4546

■ 12.2654, 11.9006,
9.2790

■ 17.5917, 18.8770,
22.3878

■ 11.2755, 10.5406,
7.0381

■ 19.2878, 21.0265,
26.7845

■ 10.4121, 9.3249,
5.1746

■ 21.1382, 23.3461,
31.6592

■ 9.6696, 8.2485,
3.6673

■ 23.1468, 25.8396,
37.0258

■ 9.0418, 7.3061,
2.4929

■ 25.3172, 28.5105,
42.8976

■ 8.5219, 6.4917,
1.6251

■ 27.6532, 31.3625,
49.2874

■ 8.1024, 5.7990,
1.0337

■ 30.1583, 34.3988,
56.2076

■ 7.7603, 5.2155,
0.6092

■ 32.8359, 37.6228,
63.6701

Harmonies

Analogous

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



14.8665, 15.0721, 15.5925



14.6453, 15.0721, 14.9693



14.3410, 15.0721, 14.7304

Triad

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



14.6453, 15.0721, 14.9693



13.7261, 15.0721, 16.3669



14.6182, 15.0721, 17.9892

Complementary

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



14.6453, 15.0721, 14.9693



14.2066, 15.2500, 18.1144

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.



14.3102, 15.0721, 18.2147



14.6453, 15.0721, 14.9693



13.7979, 15.0721, 17.2576

Square

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



14.6453, 15.0721, 14.9693



13.8129, 15.0721, 15.5187



14.0105, 15.0721, 17.9423



14.8508, 15.0721, 17.3368

Rectangle

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



14.6453, 15.0721, 14.9693



14.1330, 15.0721, 14.8142



14.0105, 15.0721, 17.9423



14.5199, 15.0721, 18.1185

Sweetspot

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



14.6457, 15.0728, 14.9696



27.3250, 28.5583, 30.2430



14.6125, 14.4072, 16.8056



6.2790, 6.5523, 6.8937



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



14.6457, 15.0728, 14.9696



25.1244, 25.6829, 24.8057



15.2206, 16.2225, 15.1613



3.4747, 3.5819, 3.5816



8.6111, 5.7547, 0.6569



42.1375, 27.1503, 3.0196

Inverse Universe

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



14.2066, 15.2500, 18.1144



24.1569, 26.0732, 31.7349



13.6470, 14.1307, 17.9279



3.3778, 3.6209, 4.2751



5.9822, 6.5547, 18.6715



28.9588, 30.9694, 92.7305

Previews

White Background



This preview shows how the XYZ color 14.6453, 15.0721, 14.9693 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 14.6453, 15.0721, 14.9693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

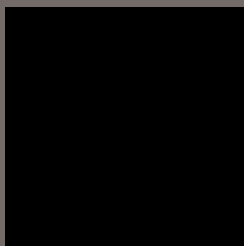
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

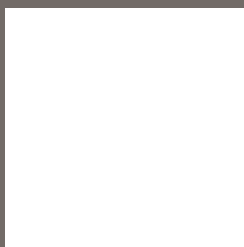
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.6453, 15.0721, 14.9693

Background



This preview shows how black text looks on a background with the XYZ color 14.6453, 15.0721, 14.9693.

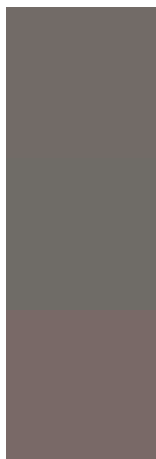


This preview shows how white text looks on a background with the XYZ color 14.6453, 15.0721,

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

14.6453, 15.0721, 14.9693

Protanopia

14.3663, 15.0839, 14.9863

Deuteranopia

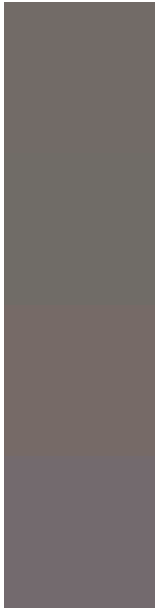
15.3849, 15.1474, 14.9448



Tritanopia

15.1591, 14.9629, 18.0087

Trichromacy



Original Color

14.6453, 15.0721, 14.9693

Protanomaly

14.4928, 15.1491, 14.9922

Deuteranomaly

15.0734, 15.1389, 14.9596

Tritanomaly

15.0387, 15.0787, 16.8697

Monochromacy



Original Color

14.6453, 15.0721, 14.9693

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.5719, 15.1662, 16.0693

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6453, 15.0721, 14.9693 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(114, 107, 103)` looks like.

```
.text, #text, p{  
    color:rgb(114, 107, 103)  
}
```

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(114, 107, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 107, 103) }
```

Border

The CSS property to change the border of an element to XYZ 14.6453, 15.0721, 14.9693 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(114, 107, 103) }
```


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

```
.border{ border-color:rgb(114, 107, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 107, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 107, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 107, 103);  
box-shadow:4px 4px 4px 4px rgb(114, 107,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6453, 15.0721, 14.9693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 107, 103) }
```

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

```
.background{ background-color: rgb(114,  
107, 103) }
```

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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