

Converting Colors

XYZ(15.1654, 14.1594, 28.5256)

Have a look what the booklet for
XYZ(15.1654, 14.1594, 28.5256)
contains.

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Color

**XYZ(15.2440, 14.1765,
28.7210)**

Conversions

Conversions Part 1

Format	Color
Hex	666591
RGB	102, 101, 145
RGB Percent	40%, 40%, 57%
CMY	0.6000, 0.6039, 0.4314
CMYK	0.30, 0.30, 0.00, 0.43
HSL	241°, 18%, 48%
HSV	241°, 30%, 57%
XYZ	15.2440, 14.1765, 28.7210
YIQ	106.3150, -13.5280, 13.8960

Conversions

Conversions Part 2

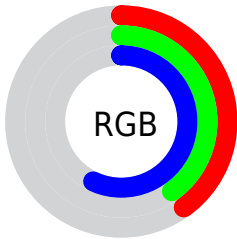
Format	Color
R_{YB}	102, 101, 145
Decimal	6710673
CIE _{Lab}	44.48, 10.95, -23.98
CIE _{LCh}	44, 26.362, 294.537
Yxy	14.1765, 0.2622, 0.2438
Android (android.graphics.Color)	4284900753 (0xFF666591)
YUV	106.3150, 19.0717, -3.7843
Hunter-Lab	37.6517, 6.3786, -18.8707

Details

The XYZ color **15.2440, 14.1765, 28.7210** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **23.9764, 27.1201, 16.2835**, and the grayscale version is **13.7383, 14.4538, 15.7402**.

A 20% lighter version of the original color is **34.8635, 33.4500, 58.6518**, and **4.8077, 4.2034, 11.1476** is the 20% darker color. If you saturate the color by 10%, you get **12.4874, 10.8469, 28.2239**, and if you desaturate by 10%, it is **18.5245, 18.1456, 29.3145**.

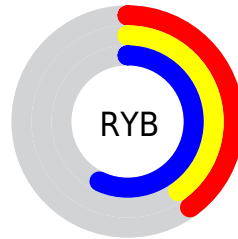
Distribution



Red (40%)

Green (40%)

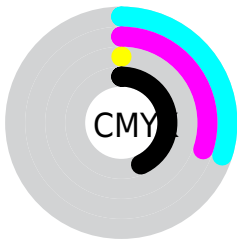
Blue (57%)



Red (40%)

Yellow (40%)

Blue (57%)

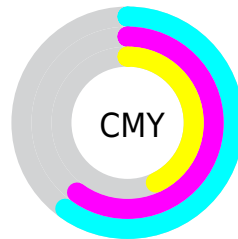


Cyan (30%)

Magenta (30%)

Yellow (0%)

Black (43%)



Cyan (60%)

Magenta (60%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2440, 14.1765, 28.7210 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 15.2440, 14.1765, 28.7210 by changing the saturation by 10% instead.

■ 15.2440, 14.1765,
28.7210

■ 15.2440, 14.1765,
28.7210

218.1976,
218.3261, 309.9159

■ 9.0782, 8.2435,
18.6261

■ 34.8488, 33.4019,
58.6704

■ 4.8498, 4.2512,
11.2264

■ 49.0186, 47.4631,
79.3620

■ 2.1932, 1.8150,
6.1032

■ 66.5871, 65.0024,
104.4229

■ 0.7392, 0.4965,
2.8381

■ 87.9196, 86.4044,
134.2716

■ 0.0000, 0.0000,
1.0126

113.3816,
112.0534, 169.3268

■ 0.0000, 0.0000,
0.0000

143.3383,

142.3337, 210.0068

178.1552,
177.6298, 256.7304

■ 15.2440, 14.1765,
28.7210

■ 15.2440, 14.1765,
28.7210

■ 12.4874, 10.8469,
28.2239

■ 18.5245, 18.1456,
29.3145

■ 10.2263, 8.1218,
27.8170

■ 22.3525, 22.7833,
30.0079

■ 8.4318, 5.9653,
27.4954

■ 26.7520, 28.1191,
30.8059

■ 7.0711, 4.3374,
27.2529

■ 31.7451, 34.1803,
31.7127

■ 6.1077, 3.1925,
27.0827

■ 37.3527, 40.9924,
32.7320

■ 5.4987, 2.4774,
26.9767

■ 43.5946, 48.5801,
33.8676

■ 5.1521, 2.0656,
26.9155

■ 50.4899, 56.9666,
35.1229

■ 58.0569, 66.1744,
36.5014

■ 66.3129, 76.2249,
38.0062

Harmonies

Analogous

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



13.0889, 14.1765, 30.2667



15.2440, 14.1765, 28.7210



17.0851, 14.1765, 23.2720

Triad

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



15.2440, 14.1765, 28.7210



15.9876, 14.1765, 7.7298



9.8014, 14.1765, 14.3480

Complementary

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



15.2440, 14.1765, 28.7210



23.9764, 27.1201, 16.2835

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.



10.4119, 14.1765, 9.5917



15.2440, 14.1765, 28.7210



13.8672, 14.1765, 6.4694

Square

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



15.2440, 14.1765, 28.7210



17.5451, 14.1765, 11.0671



11.8472, 14.1765, 7.0481



10.0876, 14.1765, 20.8252

Rectangle

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



15.2440, 14.1765, 28.7210



17.8101, 14.1765, 18.7719



11.8472, 14.1765, 7.0481



9.9064, 14.1765, 12.5204

Sweetspot

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



15.2445, 14.1771, 28.7213



40.8873, 41.8408, 53.8946



20.4918, 24.8388, 30.5027



8.8790, 9.0451, 11.9501



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



15.2445, 14.1771, 28.7213



24.0321, 21.4398, 50.8452



18.0387, 15.6175, 28.8521



5.1402, 5.2605, 6.7732



4.4222, 1.7733, 23.0863



0.0441, 0.0179, 0.2208

Inverse Universe

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



21.3652, 17.3413, 28.6072



36.7076, 27.9935, 50.5705



20.5387, 25.3478, 16.1226



5.6210, 5.5089, 6.7684



14.1862, 6.8315, 22.4295



0.1367, 0.0657, 0.2202

Previews

White Background



This preview shows how the XYZ color 15.2440, 14.1765, 28.7210 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 15.2440, 14.1765, 28.7210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

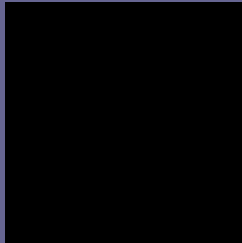
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.2440, 14.1765, 28.7210

Background



This preview shows how black text looks on a background with the XYZ color 15.2440, 14.1765, 28.7210.

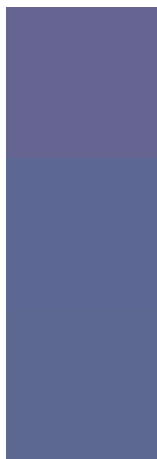


This preview shows how white text looks on a background with the XYZ color 15.2440, 14.1765,

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

15.2440, 14.1765, 28.7210

Protanopia

14.6304, 14.2825, 29.5895

Deuteranopia

14.4986, 14.2414, 28.3703



Tritanopia

13.1761, 14.2400, 18.2738

Trichromacy



Original Color

15.2440, 14.1765, 28.7210

Protanomaly

14.8624, 14.2626, 29.1638

Deuteranomaly

14.7082, 14.2009, 28.3514

Tritanomaly

13.8545, 14.2062, 21.7505

Monochromacy



Original Color

15.2440, 14.1765, 28.7210

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.1662, 14.2600, 19.7751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2440, 14.1765, 28.7210 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(102, 101, 145)` looks like.

```
.text, #text, p{  
    color:rgb(102, 101, 145)  
}
```

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(102, 101, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 101, 145) }
```

Border

The CSS property to change the border of an element to XYZ 15.2440, 14.1765, 28.7210 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(102, 101, 145) }
```


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

```
.border{ border-color:rgb(102, 101, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 101, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 101, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 101, 145);  
box-shadow:4px 4px 4px 4px rgb(102, 101,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2440, 14.1765, 28.7210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 101, 145) }
```

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

```
.background{ background-color: rgb(102,  
101, 145) }
```

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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