

Converting Colors

XYZ(15.7611, 14.3658, 22.1921)

Have a look what the booklet for
XYZ(15.7611, 14.3658, 22.1921)
contains.

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Color

**XYZ(15.6942, 14.2641,
22.3481)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 756380 |
| RGB | 117, 99, 128 |
| RGB Percent | 46%, 39%, 50% |
| CMY | 0.5412, 0.6118, 0.4980 |
| CMYK | 0.09, 0.23, 0.00, 0.50 |
| HSL | 277°, 13%, 45% |
| HSV | 277°, 23%, 50% |
| XYZ | 15.6942, 14.2641, 22.3481 |
| YIQ | 107.6880, 1.4190, 12.8350 |

Conversions

Conversions Part 2

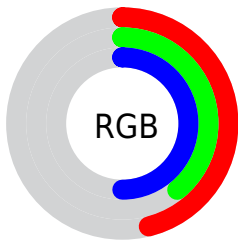
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 117, 99, 128 |
| Decimal | 7693184 |
| CIE Lab | 44.61, 13.06, -13.48 |
| CIE LCh | 45, 18.766, 314.101 |
| Yxy | 14.2641, 0.3000, 0.2727 |
| Android (android.graphics.Color) | 4285883264 (0xFF756380) |
| YUV | 107.6880, 10.0138, 8.1666 |
| Hunter-Lab | 37.7678, 8.0809, -8.6458 |

Details

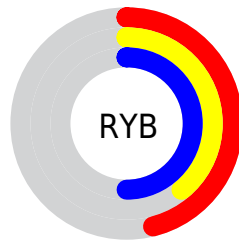
The XYZ color **15.6942, 14.2641, 22.3481** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **16.4022, 19.6545, 14.7343**, and the grayscale version is **14.1396, 14.8759, 16.1999**.

A 20% lighter version of the original color is **35.6090, 33.5839, 48.3216**, and **5.0232, 4.2494, 7.9526** is the 20% darker color. If you saturate the color by 10%, you get **13.9409, 11.7008, 21.9460**, and if you desaturate by 10%, it is **17.6745, 17.2305, 22.8165**.

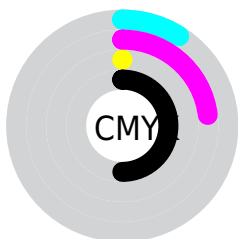
Distribution



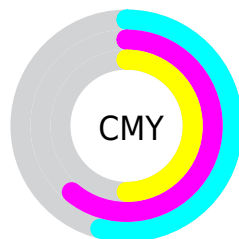
- Red (46%)
- Green (39%)
- Blue (50%)



- Red (46%)
- Yellow (39%)
- Blue (50%)



- Cyan (9%)
- Magenta (23%)
- Yellow (0%)
- Black (50%)



- Cyan (54%)
- Magenta (61%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6942, 14.2641, 22.3481 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 15.6942, 14.2641, 22.3481 by changing the saturation by 10% instead.

■ 15.6942, 14.2641,
22.3481

■ 15.6942, 14.2641,
22.3481

220.8365,
218.8677, 277.3714

■ 9.3975, 8.3046,
13.9121

■ 35.6283, 33.5569,
48.2302

■ 5.0605, 4.2905,
7.9215

■ 49.9963, 47.6590,
66.5134

■ 2.3179, 1.8373,
3.9577

■ 67.7855, 65.2440,
88.9162

■ 0.8038, 0.5103,
1.6022

■ 89.3613, 86.6964,
115.8570

■ 0.0000, 0.0000,
0.2924

115.0889,
112.4006, 147.7543

■ 0.0000, 0.0000,
0.0000

145.3337,

142.7410, 185.0268

180.4611,
178.1018, 228.0930

■ 15.6942, 14.2641,
22.3481

■ 15.6942, 14.2641,
22.3481

■ 13.9409, 11.7008,
21.9460

■ 17.6745, 17.2305,
22.8165

■ 12.4037, 9.5205,
21.6061

■ 19.8893, 20.6153,
23.3531

■ 11.0728, 7.7040,
21.3257

■ 22.3475, 24.4353,
23.9609

■ 9.9369, 6.2296,
21.1010

■ 25.0572, 28.7058,
24.6424

■ 8.9837, 5.0735,
20.9280

■ 28.0259, 33.4411,
25.3999

8.1991, 4.2084,
20.8024

31.2609, 38.6553,
26.2358

7.5667, 3.6022,
20.7187

34.7691, 44.3615,
27.1523

7.1580, 3.2400,
20.6704

38.5573, 50.5725,
28.1515

42.6319, 57.3006,
29.2354

Harmonies

Analogous

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



14.2820, 14.2641, 25.1420



15.6942, 14.2641, 22.3481



16.5661, 14.2641, 17.9379

Triad

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



15.6942, 14.2641, 22.3481



14.3738, 14.2641, 8.7937



10.9168, 14.2641, 17.6603

Complementary

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



15.6942, 14.2641, 22.3481



16.4022, 19.6545, 14.7343

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.



10.9374, 14.2641, 13.3499



15.6942, 14.2641, 22.3481



12.8582, 14.2641, 8.7473

Square

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



15.6942, 14.2641, 22.3481



15.7658, 14.2641, 10.4055



11.6243, 14.2641, 10.2640



11.5659, 14.2641, 22.1124

Rectangle

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



15.6942, 14.2641, 22.3481



16.6856, 14.2641, 14.9404



11.6243, 14.2641, 10.2640



10.8472, 14.2641, 16.1373

Sweetspot

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



15.6946, 14.2647, 22.3484



33.2083, 33.5173, 40.6755



14.6310, 15.3888, 22.6215



7.7340, 7.7847, 9.5133



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



15.6946, 14.2647, 22.3484



26.0503, 22.7865, 38.9815



17.0415, 14.9844, 21.2682



4.3450, 4.3335, 5.4207



7.0991, 3.2134, 20.4960



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.1789, 14.6393, 16.7255



27.0961, 23.5883, 27.1596



15.2826, 19.0583, 15.5441



4.3900, 4.3692, 4.8583



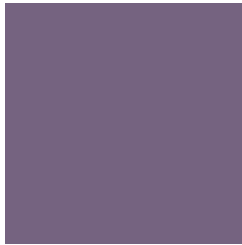
9.3681, 4.7669, 3.2623



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.6942, 14.2641, 22.3481 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 15.6942, 14.2641, 22.3481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

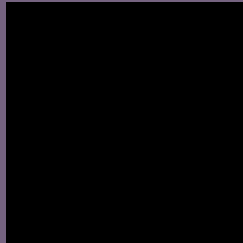
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.6942, 14.2641, 22.3481

Background



This preview shows how black text looks on a background with the XYZ color 15.6942, 14.2641, 22.3481.



This preview shows how white text looks on a background with the XYZ color 15.6942, 14.2641,

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

15.6942, 14.2641, 22.3481

Protanopia

14.3620, 14.4217, 23.8565

Deuteranopia

14.5067, 14.2361, 22.0619



Tritanopia

14.5053, 14.2059, 16.7294

Trichromacy



Original Color

15.6942, 14.2641, 22.3481

Protanomaly

14.8908, 14.4034, 23.4680

Deuteranomaly

14.8888, 14.2863, 22.0515

Tritanomaly

14.9348, 14.2366, 18.7904

Monochromacy



Original Color

15.6942, 14.2641, 22.3481

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.7016, 14.7205, 18.2861

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6942, 14.2641, 22.3481 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(117, 99, 128)` looks like.

```
.text, #text, p{  
    color:rgb(117, 99, 128)  
}
```

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(117, 99, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 99, 128) }
```

Border

The CSS property to change the border of an element to XYZ 15.6942, 14.2641, 22.3481 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(117, 99, 128) }
```


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

```
.border{ border-color:rgb(117, 99, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 99, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 99, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 99, 128); box-shadow:4px 4px 4px 4px rgb(117, 99, 128) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6942, 14.2641, 22.3481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 99, 128) }
```

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

```
.background{ background-color: rgb(117, 99,  
128) }
```

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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