

Converting Colors

XYZ(15.2337, 17.1834, 22.7638)

Have a look what the booklet for
XYZ(15.2337, 17.1834, 22.7638)
contains.

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Color

**XYZ(15.3170, 17.2390,
22.9422)**

Conversions

Conversions Part 1

Format	Color
Hex	607780
RGB	96, 119, 128
RGB Percent	38%, 47%, 50%
CMY	0.6235, 0.5333, 0.4980
CMYK	0.25, 0.07, 0.00, 0.50
HSL	197°, 14%, 44%
HSV	197°, 25%, 50%
XYZ	15.3170, 17.2390, 22.9422
YIQ	113.1490, -16.5970, -2.0770

Conversions

Conversions Part 2

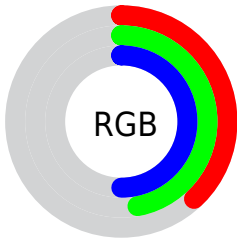
Format	Color
R_{YB}	96, 109, 128
Decimal	6322048
CIE _{Lab}	48.56, -6.18, -7.70
CIE _{LCh}	49, 9.876, 231.240
Yxy	17.2390, 0.2760, 0.3106
Android (android.graphics.Color)	4284512128 (0xFF607780)
YUV	113.1490, 7.3215, -15.0397
Hunter-Lab	41.5199, -6.8098, -3.6973

Details

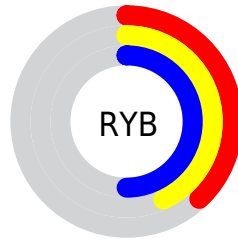
The XYZ color **15.3170, 17.2390, 22.9422** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.0651, 15.5369, 13.2189**, and the grayscale version is **15.7232, 16.5420, 18.0142**.

A 20% lighter version of the original color is **34.9360, 38.6651, 49.3378**, and **4.9311, 5.7240, 8.2421** is the 20% darker color. If you saturate the color by 10%, you get **13.6582, 15.7604, 22.7445**, and if you desaturate by 10%, it is **17.2123, 18.8645, 23.1564**.

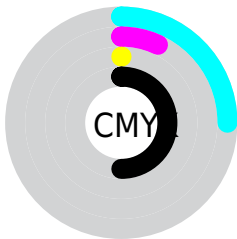
Distribution



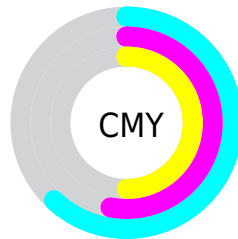
- Red (38%)
- Green (47%)
- Blue (50%)



- Red (38%)
- Yellow (43%)
- Blue (50%)



- Cyan (25%)
- Magenta (7%)
- Yellow (0%)
- Black (50%)



- Cyan (62%)
- Magenta (53%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3170, 17.2390, 22.9422 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 15.3170, 17.2390, 22.9422 by changing the saturation by 10% instead.

■ 15.3170, 17.2390,
22.9422

■ 15.3170, 17.2390,
22.9422

218.6275,
236.5459, 280.5403

■ 9.1299, 10.4050,
14.3459

■ 34.9754, 38.7362,
49.2204

■ 4.8838, 5.6683,
8.2202

■ 49.1775, 54.1683,
67.7394

■ 2.2133, 2.6445,
4.1464

■ 66.7820, 73.2352,
90.4031

■ 0.7497, 0.9491,
1.7060

■ 88.1542, 96.3213,
117.6299

■ 0.0000, 0.0000,
0.3648

113.6595,
123.8111, 149.8386

■ 0.0000, 0.0000,
0.0000

143.6633,

156.0888, 187.4475

178.5308,
193.5390, 230.8752

■ 15.3170, 17.2390,
22.9422

■ 15.3170, 17.2390,
22.9422

■ 13.6582, 15.7604,
22.7445

■ 17.2123, 18.8645,
23.1564

■ 12.2237, 14.4207,
22.5615

■ 19.3527, 20.6404,
23.3863

■ 11.0023, 13.2145,
22.3931

■ 21.7482, 22.5722,
23.6329

■ 9.9813, 12.1348,
22.2385

■ 24.4076, 24.6651,
23.8967

■ 9.1463, 11.1741,
22.0971

■ 27.3395, 26.9235,
24.1781

■ 8.4812, 10.3237,
21.9680

■ 30.5520, 29.3519,
24.4775

■ 7.9620, 9.5710,
21.8501

■ 34.0528, 31.9545,
24.7954

■ 7.7241, 9.2141,
21.7937

■ 37.8494, 34.7354,
25.1320

■ 41.9489, 37.6985,
25.4879

Harmonies

Analogous

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



14.8122, 17.2390, 20.6392



15.3170, 17.2390, 22.9422



16.1209, 17.2390, 24.1542

Triad

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



15.3170, 17.2390, 22.9422



18.1706, 17.2390, 19.5416



15.7612, 17.2390, 14.4878

Complementary

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



15.3170, 17.2390, 22.9422



16.0651, 15.5369, 13.2189

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.



16.6523, 17.2390, 14.2526



15.3170, 17.2390, 22.9422



18.0656, 17.2390, 17.0178

Square

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



15.3170, 17.2390, 22.9422



17.7835, 17.2390, 22.0754



17.5018, 17.2390, 15.1376



15.0621, 17.2390, 15.8128

Rectangle

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



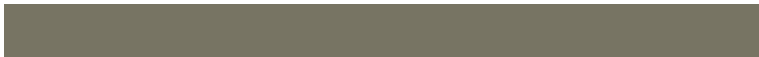
15.3170, 17.2390, 22.9422



16.7276, 17.2390, 24.1098



17.5018, 17.2390, 15.1376



16.0475, 17.2390, 14.2838

Sweetspot

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



15.3175, 17.2397, 22.9426



33.2209, 35.6412, 41.0848



15.0693, 18.9358, 16.1003



7.7372, 8.3111, 9.6147



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.



15.3175, 17.2397, 22.9426



25.2563, 28.8398, 40.1918



13.6173, 13.8393, 22.3759



4.3474, 4.6889, 5.4892



7.6601, 9.1387, 21.6102



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.4152, 14.2873, 19.3461



27.5703, 22.8359, 32.5606



17.7945, 18.9956, 13.7954



4.4482, 4.3924, 5.1647



10.7434, 5.3171, 10.5046



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.3170, 17.2390, 22.9422 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 15.3170, 17.2390, 22.9422 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

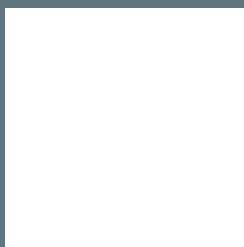
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.3170, 17.2390, 22.9422

Background



This preview shows how black text looks on a background with the XYZ color 15.3170, 17.2390, 22.9422.



This preview shows how white text looks on a background with the XYZ color 15.3170, 17.2390,

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

15.3170, 17.2390, 22.9422

Protanopia

16.6584, 17.0927, 21.8233

Deuteranopia

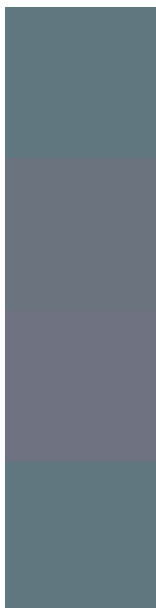
17.5023, 17.1664, 23.1598



Tritanopia

15.3170, 17.2390, 22.9422

Trichromacy



Original Color

15.3170, 17.2390, 22.9422

Protanomaly

16.0747, 17.1229, 22.1965

Deuteranomaly

16.6487, 17.2260, 23.2163

Tritanomaly

15.3170, 17.2390, 22.9422

Monochromacy



Original Color

15.3170, 17.2390, 22.9422

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.4642, 16.6953, 19.5470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3170, 17.2390, 22.9422 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(96, 119, 128) looks like.

```
.text, #text, p{  
    color:rgb(96, 119, 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(96, 119, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 119, 128) }
```

Border

The CSS property to change the border of an element to XYZ 15.3170, 17.2390, 22.9422 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(96, 119, 128) }
```


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

```
.border{ border-color:rgb(96, 119, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 119, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 119, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 119, 128);  
box-shadow:4px 4px 4px 4px rgb(96, 119,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3170, 17.2390, 22.9422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 119, 128) }
```

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

```
.background{ background-color: rgb(96, 119,  
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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