

Converting Colors

XYZ(25.6045, 22.7931, 15.6080)

Have a look what the booklet for
XYZ(25.6045, 22.7931, 15.6080)
contains.

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Color

**XYZ(25.5727, 22.6990,
15.6039)**

Conversions

Conversions Part 1

Format	Color
Hex	AA7766
RGB	170, 119, 102
RGB Percent	67%, 47%, 40%
CMY	0.3333, 0.5333, 0.6000
CMYK	0.00, 0.30, 0.40, 0.33
HSL	15°, 29%, 53%
HSV	15°, 40%, 67%
XYZ	25.5727, 22.6990, 15.6039
YIQ	132.3110, 35.8530, 5.5250

Conversions

Conversions Part 2

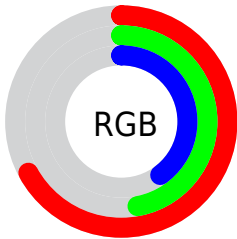
Format	Color
R_{YB}	170, 125, 102
Decimal	11171686
CIE _{Lab}	54.76, 17.78, 17.34
CIE _{LCh}	55, 24.838, 44.277
Yxy	22.6990, 0.4004, 0.3554
Android (android.graphics.Color)	4289361766 (0xFFAA7766)
YUV	132.3110, -14.9433, 33.0533
Hunter-Lab	47.6435, 12.4341, 13.9321

Details

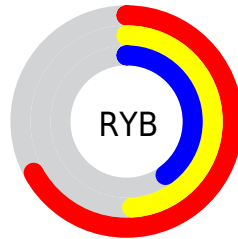
The XYZ color **25.5727, 22.6990, 15.6039** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.1261, 28.5086, 42.2614**, and the grayscale version is **22.0882, 23.2385, 25.3067**.

A 20% lighter version of the original color is **51.9912, 47.7566, 36.6147**, and **10.0822, 8.3692, 4.6984** is the 20% darker color. If you saturate the color by 10%, you get **23.3977, 19.5627, 11.1373**, and if you desaturate by 10%, it is **28.1253, 26.3138, 21.0498**.

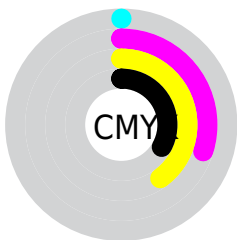
Distribution



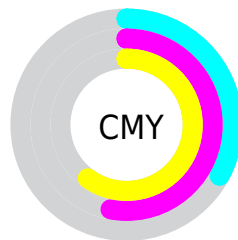
- Red (67%)
- Green (47%)
- Blue (40%)



- Red (67%)
- Yellow (49%)
- Blue (40%)



- Cyan (0%)
- Magenta (30%)
- Yellow (40%)
- Black (33%)



- Cyan (33%)
- Magenta (53%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.5727, 22.6990, 15.6039 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 25.5727, 22.6990, 15.6039 by changing the saturation by 10% instead.


 25.5727, 22.6990,
15.6039


 25.5727, 22.6990,
15.6039


272.9735,
266.1752, 238.7583


 16.6352, 14.3714,
9.0930


 52.0210, 47.8986,
36.6663

 10.0685, 8.3794,
4.7042


 70.2626, 65.5394,
52.0550

 5.5070, 4.3387,
2.0191

 92.3363, 87.0534,
71.2399

 2.5855, 1.8648,
0.5670

 118.6074,
112.8250, 94.6397

 0.9386, 0.5271,
0.0000

149.4413,
143.2386, 122.6729

 0.0000, 0.0000,
0.0000

185.2034,

178.6786, 155.7580

226.2590,
219.5293, 194.3137

■ 25.5727, 22.6990,
15.6039

■ 25.5727, 22.6990,
15.6039

■ 23.3977, 19.5627,
11.1373

■ 28.1253, 26.3138,
21.0498

■ 21.5800, 16.8813,
7.5900

■ 31.0712, 30.4228,
27.5275

■ 20.0996, 14.6339,
4.8973


■ 34.4271, 35.0452,
35.0874


■ 18.9340, 12.7968,
2.9855


■ 38.2083, 40.1982,
43.7760


■ 18.0573, 11.3436,
1.7682


■ 42.4293, 45.8979,
53.6373

 17.4238, 10.2384,
1.0579

 47.1040, 52.1601,
64.7127

 17.4237, 10.2383,
1.0579

 52.2454, 58.9995,
77.0419

 57.8662, 66.4307,
90.6624

 63.9783, 74.4675,
105.6094

Harmonies

Analogous

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



27.0964, 22.6990, 21.1765



25.5727, 22.6990, 15.6039



23.0347, 22.6990, 12.8466

Triad

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



25.5727, 22.6990, 15.6039



16.8885, 22.6990, 20.8464



22.9008, 22.6990, 42.4201

Complementary

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



25.5727, 22.6990, 15.6039



24.1261, 28.5086, 42.2614

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.



20.1777, 22.6990, 42.2790



25.5727, 22.6990, 15.6039



16.8593, 22.6990, 28.6280

Square

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



25.5727, 22.6990, 15.6039



18.1003, 22.6990, 15.4066



18.0168, 22.6990, 36.8224



25.4675, 22.6990, 37.1748

Rectangle

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



25.5727, 22.6990, 15.6039



21.1840, 22.6990, 12.5116



18.0168, 22.6990, 36.8224



21.9702, 22.6990, 43.0311

Sweetspot

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



25.5733, 22.7001, 15.6043



61.0479, 61.6434, 60.4458



27.0789, 20.3489, 32.6377



13.4392, 13.5066, 13.0842



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



25.5733, 22.7001, 15.6043



42.8651, 36.0950, 21.0369



30.3672, 32.2880, 17.2023



7.6779, 7.8358, 7.8971



12.8557, 7.6086, 0.7910



0.3521, 0.2637, 0.0323

Inverse Universe

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



24.1261, 28.5086, 42.2614



39.8476, 48.0653, 76.1792



19.3323, 18.9210, 40.6635



7.5863, 8.2096, 9.6031



11.0128, 13.4858, 29.9981



0.3049, 0.4021, 0.7422

Previews

White Background



This preview shows how the XYZ color 25.5727, 22.6990, 15.6039 looks on a white 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

Black Background



This preview shows how the XYZ color 25.5727, 22.6990, 15.6039 looks on a black 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

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

XYZ 25.5727, 22.6990, 15.6039

Background



This preview shows how black text looks on a background with the XYZ color 25.5727, 22.6990, 15.6039.



This preview shows how white text looks on a background with the XYZ color 25.5727, 22.6990,

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

25.5727, 22.6990, 15.6039

Protanopia

21.4705, 22.8043, 17.4574

Deuteranopia

23.1362, 22.7313, 15.4801



Tritanopia

26.9603, 22.7421, 22.3707

Trichromacy



Original Color

25.5727, 22.6990, 15.6039

Protanomaly

22.7686, 22.7034, 16.8178

Deuteranomaly

23.9291, 22.5791, 15.4089

Tritanomaly

26.3668, 22.6649, 19.8147

Monochromacy



Original Color

25.5727, 22.6990, 15.6039

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.8946, 22.6702, 21.2583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5727, 22.6990, 15.6039 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(170, 119, 102)` looks like.

```
.text, #text, p{  
    color:rgb(170, 119, 102)  
}
```

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(170, 119, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 119, 102) }
```

Border

The CSS property to change the border of an element to XYZ 25.5727, 22.6990, 15.6039 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(170, 119, 102) }
```


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

```
.border{ border-color:rgb(170, 119, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 119, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 119, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 119, 102);  
box-shadow:4px 4px 4px 4px rgb(170, 119,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5727, 22.6990, 15.6039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 119, 102) }
```

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

```
.background{ background-color: rgb(170,  
119, 102) }
```

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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