

Converting Colors

XYZ(17.4244, 15.2527, 22.6027)

Have a look what the booklet for
XYZ(17.4244, 15.2527, 22.6027)
contains.

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Color

**XYZ(17.3555, 15.2620,
22.4532)**

Conversions

Conversions Part 1

Format	Color
Hex	806480
RGB	128, 100, 128
RGB Percent	50%, 39%, 50%
CMY	0.4980, 0.6078, 0.4980
CMYK	0.00, 0.22, 0.00, 0.50
HSL	300°, 12%, 45%
HSV	300°, 22%, 50%
XYZ	17.3555, 15.2620, 22.4532
YIQ	111.5640, 7.7000, 14.6440

Conversions

Conversions Part 2

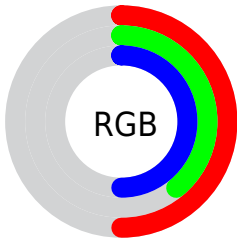
Format	Color
R_{YB}	128, 100, 128
Decimal	8414336
CIE _{Lab}	45.99, 16.46, -11.28
CIE _{LCh}	46, 19.954, 325.581
Yxy	15.2620, 0.3151, 0.2771
Android (android.graphics.Color)	4286604416 (0xFF806480)
YUV	111.5640, 8.1029, 14.4144
Hunter-Lab	39.0666, 10.9328, -6.7298

Details

The XYZ color **17.3555, 15.2620, 22.4532** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **15.2755, 19.0682, 14.9328**, and the grayscale version is **15.2494, 16.0435, 17.4714**.

A 20% lighter version of the original color is **38.4632, 35.2932, 48.5011**, and **5.8263, 4.7304, 8.0031** is the 20% darker color. If you saturate the color by 10%, you get **16.2232, 12.9970, 22.0759**, and if you desaturate by 10%, it is **18.6817, 17.9141, 22.8954**.

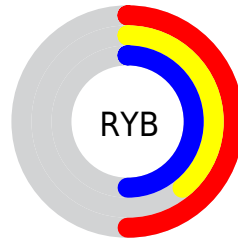
Distribution



Red (50%)

Green (39%)

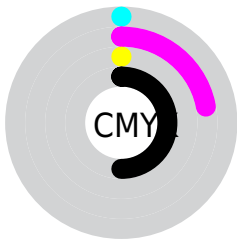
Blue (50%)



Red (50%)

Yellow (39%)

Blue (50%)

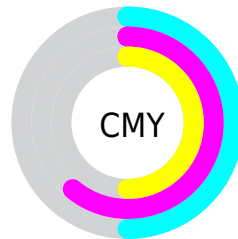


Cyan (0%)

Magenta (22%)

Yellow (0%)

Black (50%)



Cyan (50%)

Magenta (61%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3555, 15.2620, 22.4532 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 17.3555, 15.2620, 22.4532 by changing the saturation by 10% instead.

■ 17.3555, 15.2620,
22.4532

■ 17.3555, 15.2620,
22.4532

230.3293,
224.9466, 277.9343

■ 10.5851, 9.0035,
13.9888

■ 38.4748, 35.3122,
48.4057

■ 5.8538, 4.7434,
7.9742

■ 53.5544, 49.8726,
66.7308

■ 2.7962, 2.0975,
3.9909

■ 72.1345, 67.9691,
89.1799

■ 1.0469, 0.6632,
1.6204

■ 94.5804, 89.9860,
116.1716

■ 0.0000, 0.0000,
0.3053

121.2574,
116.3079, 148.1243

■ 0.0000, 0.0000,
0.0000

152.5310,

147.3190, 185.4566

188.7665,
183.4038, 228.5871

■ 17.3555, 15.2620,
22.4532

■ 17.3555, 15.2620,
22.4532

■ 16.2232, 12.9970,
22.0759

■ 18.6817, 17.9141,
22.8954

■ 15.2743, 11.0993,
21.7596

■ 20.2087, 20.9682,
23.4045

■ 14.4996, 9.5500,
21.5014

■ 21.9449, 24.4406,
23.9832

■ 13.8886, 8.3279,
21.2977

■ 23.8979, 28.3464,
24.6342

■ 13.4295, 7.4097,
21.1446

■ 26.0746, 32.6998,
25.3598

■ 13.1089, 6.7686,
21.0378

■ 28.4818, 37.5144,
26.1622

■ 12.9114, 6.3736,
20.9719

■ 31.1262, 42.8031,
27.0437

■ 12.7985, 6.1478,
20.9343

■ 34.0139, 48.5784,
28.0063

■ 37.1508, 54.8524,
29.0519

Harmonies

Analogous

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



15.9551, 15.2620, 26.5056



17.3555, 15.2620, 22.4532



17.9935, 15.2620, 17.3451

Triad

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



17.3555, 15.2620, 22.4532



14.7579, 15.2620, 8.9582



11.7678, 15.2620, 20.9692

Complementary

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



17.3555, 15.2620, 22.4532



15.2755, 19.0682, 14.9328

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.



11.5012, 15.2620, 15.9109



17.3555, 15.2620, 22.4532



13.1476, 15.2620, 9.5571

Square

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



17.3555, 15.2620, 22.4532



16.4216, 15.2620, 10.0616



11.9870, 15.2620, 11.8925



12.7456, 15.2620, 25.5387

Rectangle

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



17.3555, 15.2620, 22.4532



17.8671, 15.2620, 14.2410



11.9870, 15.2620, 11.8925



11.5955, 15.2620, 19.2452

Sweetspot

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



17.3560, 15.2627, 22.4535



34.1135, 33.9839, 40.7178



13.7096, 13.3829, 22.2829



7.9589, 7.9006, 9.5238



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.



17.3560, 15.2627, 22.4535



29.5738, 24.9045, 39.2045



16.4970, 14.9191, 17.9303



4.4982, 4.4124, 5.4279



12.6905, 6.0959, 20.7576



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.3560, 15.2627, 22.4535



29.5738, 24.9045, 39.2045



16.0125, 19.3630, 18.8136



4.4982, 4.4124, 5.4279



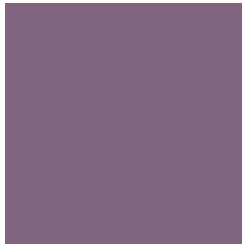
12.6905, 6.0959, 20.7576



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.3555, 15.2620, 22.4532 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 17.3555, 15.2620, 22.4532 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 17.3555, 15.2620, 22.4532

Background



This preview shows how black text looks on a background with the XYZ color 17.3555, 15.2620, 22.4532.



This preview shows how white text looks on a background with the XYZ color 17.3555, 15.2620,

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

17.3555, 15.2620, 22.4532

Protanopia

15.1897, 15.3021, 24.3433

Deuteranopia

15.5403, 15.2199, 22.1973



Tritanopia

16.3237, 15.2838, 17.1286

Trichromacy



Original Color

17.3555, 15.2620, 22.4532

Protanomaly

15.8304, 15.1866, 23.5697

Deuteranomaly

16.1172, 15.2148, 22.1660

Tritanomaly

16.7147, 15.2991, 18.9017

Monochromacy



Original Color

17.3555, 15.2620, 22.4532

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

16.1038, 15.8847, 19.3568

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3555, 15.2620, 22.4532 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(128, 100, 128)` looks like.

```
.text, #text, p{  
    color:rgb(128, 100, 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(128, 100, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 100, 128) }
```

Border

The CSS property to change the border of an element to XYZ 17.3555, 15.2620, 22.4532 is called "border". The border property can be set on classes, ids or directly on the HTML element.

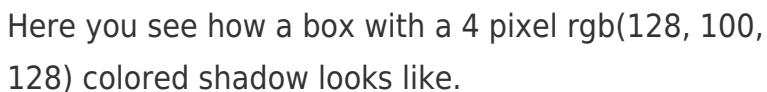
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(128, 100, 128) }
```


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

```
.border{ border-color:rgb(128, 100, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(128, 100, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 100, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 100, 128); box-shadow:4px 4px 4px 4px rgb(128, 100, 128) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3555, 15.2620, 22.4532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 100, 128) }
```

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

```
.background{ background-color: rgb(128,  
100, 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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