

Converting Colors

XYZ(22.2190, 29.4172, 15.3172)

Have a look what the booklet for
XYZ(22.2190, 29.4172, 15.3172)
contains.

XYZ(22.1776, 29.3449, 15.3217)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(22.1776, 29.3449,
15.3217)**

Conversions

Conversions Part 1

Format	Color
Hex	799E5F
RGB	121, 158, 95
RGB Percent	47%, 62%, 37%
CMY	0.5255, 0.3804, 0.6274
CMYK	0.23, 0.00, 0.40, 0.38
HSL	95°, 25%, 50%
HSV	95°, 40%, 62%
XYZ	22.1776, 29.3449, 15.3217
YIQ	139.7550, -1.8290, -27.4370

Conversions

Conversions Part 2

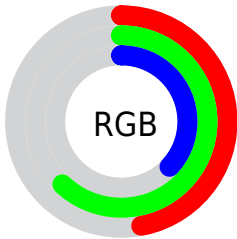
Format	Color
R_{YB}	95, 158, 132
Decimal	7970399
CIE _{Lab}	61.08, -24.44, 28.88
CIE _{LCh}	61, 37.834, 130.246
Y _{xy}	29.3449, 0.3318, 0.4390
Android (android.graphics.Color)	4286160479 (0xFF799E5F)
YUV	139.7550, -22.0642, -16.4481
Hunter-Lab	54.1709, -21.7212, 21.1501

Details

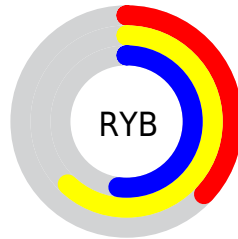
The XYZ color **22.1776, 29.3449, 15.3217** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.7807, 15.5594, 34.3101**, and the grayscale version is **24.9162, 26.2138, 28.5468**.

A 20% lighter version of the original color is **46.4381, 58.6625, 36.0696**, and **8.2657, 11.8529, 4.5415** is the 20% darker color. If you saturate the color by 10%, you get **20.2927, 28.4488, 11.8573**, and if you desaturate by 10%, it is **24.3348, 30.3663, 19.5606**.

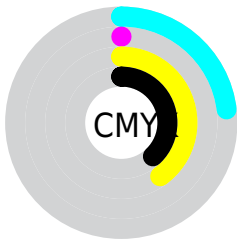
Distribution



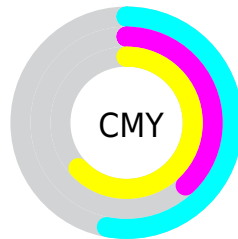
- Red (47%)
- Green (62%)
- Blue (37%)



- Red (37%)
- Yellow (62%)
- Blue (52%)



- Cyan (23%)
- Magenta (0%)
- Yellow (40%)
- Black (38%)



- Cyan (53%)
- Magenta (38%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.1776, 29.3449, 15.3217 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 22.1776, 29.3449, 15.3217 by changing the saturation by 10% instead.

■ 22.1776, 29.3449,
15.3217

■ 22.1776, 29.3449,
15.3217

256.0873,
298.8388, 237.0127

■ 14.1048, 19.3419,
8.8963

■ 46.5160, 58.6246,
36.1668

■ 8.2758, 11.9176,
4.5777

■ 63.5124, 78.6701,
51.4236

■ 4.3252, 6.6876,
1.9473

■ 84.2139, 102.8319,
70.4614

■ 1.8877, 3.2675,
0.5226

■ 108.9860,
131.4943, 93.6986

■ 0.5697, 1.2729,
0.0000

138.1941,
165.0419, 121.5538

■ 0.0000, 0.1201,
0.0000

172.2034,

■ 0.0000, 0.0000,

203.8589, 154.4455

0.0000

211.3793,
248.3297, 192.7923

■ 22.1776, 29.3449,
15.3217

■ 22.1776, 29.3449,
15.3217

■ 20.2927, 28.4488,
11.8573

■ 24.3348, 30.3663,
19.5606

■ 18.6655, 27.6689,
9.1185

■ 26.7737, 31.5142,
24.6148

■ 17.2832, 27.0006,
7.0540


■ 29.5056, 32.7946,
30.5249


■ 16.1309, 26.4374,
5.6051


■ 32.5408, 34.2119,
37.3280


■ 15.1915, 25.9721,
4.7027


■ 35.8890, 35.7703,
45.0590


 14.4298, 25.5901,
4.1846

 39.5592, 37.4737,
53.7510

 14.4209, 25.5857,
4.1785

 43.5602, 39.3262,
63.4356

 47.9006, 41.3312,
74.1426

 52.5884, 43.4925,
85.9010

Harmonies

Analogous

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



26.2308, 29.3449, 11.9194



22.1776, 29.3449, 15.3217



19.8510, 29.3449, 23.5878

Triad

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



22.1776, 29.3449, 15.3217



24.7935, 29.3449, 65.1275



38.3572, 29.3449, 27.3397

Complementary

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



22.1776, 29.3449, 15.3217



19.7807, 15.5594, 34.3101

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.



37.8538, 29.3449, 42.0901



22.1776, 29.3449, 15.3217



29.6207, 29.3449, 67.0278

Square

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



22.1776, 29.3449, 15.3217



21.2328, 29.3449, 53.0218



34.5110, 29.3449, 57.6325



35.8142, 29.3449, 17.3660

Rectangle

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



22.1776, 29.3449, 15.3217



19.4074, 29.3449, 32.0687



34.5110, 29.3449, 57.6325



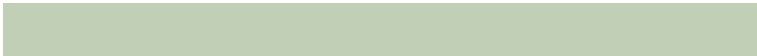
38.5452, 29.3449, 31.8348

Sweetspot

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



22.1783, 29.3462, 15.3223



52.3594, 58.9810, 52.7530



24.3847, 24.5313, 14.2767



11.6666, 13.2327, 11.5927



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



22.1783, 29.3462, 15.3223



37.1498, 51.8037, 22.0633



19.2594, 27.8129, 16.4740



6.7971, 7.5280, 7.0805



11.5919, 20.5126, 3.3484



0.2541, 0.3909, 0.0621

Inverse Universe

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



19.7807, 15.5594, 34.3101



32.1574, 23.1510, 61.5172



23.9230, 17.7460, 32.1947



6.6392, 6.6180, 8.3342



8.5874, 3.8560, 26.1989



0.2009, 0.0933, 0.4707

Previews

White Background



This preview shows how the XYZ color 22.1776, 29.3449, 15.3217 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 22.1776, 29.3449, 15.3217 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 22.1776, 29.3449, 15.3217

Background



This preview shows how black text looks on a background with the XYZ color 22.1776, 29.3449, 15.3217.



This preview shows how white text looks on a background with the XYZ color 22.1776, 29.3449,

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

22.1776, 29.3449, 15.3217

Protanopia

26.8193, 29.0964, 14.1002

Deuteranopia

29.6815, 29.1807, 15.8724



Tritanopia

26.7880, 29.2466, 38.4157

Trichromacy



Original Color

22.1776, 29.3449, 15.3217

Protanomaly

24.8524, 29.0169, 14.4162

Deuteranomaly

26.3486, 28.8172, 15.7288

Tritanomaly

24.7311, 29.1295, 28.3638

Monochromacy



Original Color

22.1776, 29.3449, 15.3217

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

23.7447, 27.3092, 23.0885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.1776, 29.3449, 15.3217 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(121, 158, 95)` looks like.

```
.text, #text, p{  
    color:rgb(121, 158, 95)  
}
```

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(121, 158, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 158, 95) }
```

Border

The CSS property to change the border of an element to XYZ 22.1776, 29.3449, 15.3217 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(121, 158, 95) }
```


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

```
.border{ border-color:rgb(121, 158, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 158, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 158, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 158, 95);  
box-shadow:4px 4px 4px 4px rgb(121, 158,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 22.1776, 29.3449, 15.3217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 158, 95) }
```

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

```
.background{ background-color: rgb(121,  
158, 95) }
```

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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