

Converting Colors

XYZ(17.9690, 25.5210, 22.2502)

Have a look what the booklet for
XYZ(17.9690, 25.5210, 22.2502)
contains.

XYZ(17.9655, 25.5239, 22.3921)	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(17.9655, 25.5239,
22.3921)**

Conversions

Conversions Part 1

Format	Color
Hex	4F987A
RGB	79, 152, 122
RGB Percent	31%, 60%, 48%
CMY	0.6902, 0.4039, 0.5216
CMYK	0.48, 0.00, 0.20, 0.40
HSL	155°, 32%, 45%
HSV	155°, 48%, 60%
XYZ	17.9655, 25.5239, 22.3921
YIQ	126.7530, -33.8780, -24.8060

Conversions

Conversions Part 2

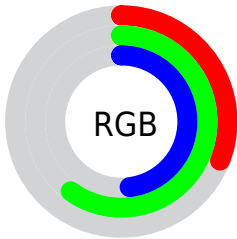
Format	Color
R_{YB}	79, 125, 152
Decimal	5216378
CIE _{Lab}	57.58, -30.22, 8.81
CIE _{LCh}	58, 31.476, 163.739
Yxy	25.5239, 0.2727, 0.3874
Android (android.graphics.Color)	4283406458 (0xFF4F987A)
YUV	126.7530, -2.3432, -41.8794
Hunter-Lab	50.5212, -24.9369, 9.0862

Details

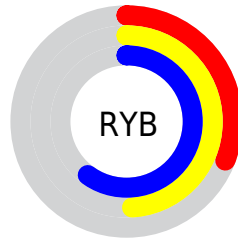
The XYZ color **17.9655, 25.5239, 22.3921** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.5060, 13.3720, 16.0744**, and the grayscale version is **20.1047, 21.1517, 23.0342**.

A 20% lighter version of the original color is **39.4685, 52.5872, 48.1145**, and **6.0906, 9.7660, 7.8673** is the 20% darker color. If you saturate the color by 10%, you get **16.4683, 24.7960, 20.3664**, and if you desaturate by 10%, it is **19.7781, 26.4128, 24.5636**.

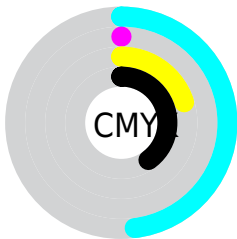
Distribution



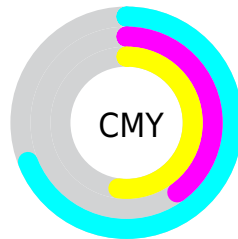
- Red (31%)
- Green (60%)
- Blue (48%)



- Red (31%)
- Yellow (49%)
- Blue (60%)



- Cyan (48%)
- Magenta (0%)
- Yellow (20%)
- Black (40%)



- Cyan (69%)
- Magenta (40%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9655, 25.5239, 22.3921 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 17.9655, 25.5239, 22.3921 by changing the saturation by 10% instead.

■ 17.9655, 25.5239,
22.3921

■ 17.9655, 25.5239,
22.3921

233.7259,
280.4370, 277.6071

■ 11.0248, 16.4678,
13.9442

■ 39.5091, 52.5059,
48.3037

■ 6.1509, 9.8558,
7.9436

■ 54.8426, 71.2005,
66.6045

■ 2.9786, 5.3034,
3.9716

■ 73.7045, 93.8769,
89.0266

■ 1.1425, 2.4264,
1.6098

■ 96.4600, 120.9192,
115.9887

■ 0.0602, 0.8394,
0.2978

■ 123.4745,
152.7120, 147.9093

■ 0.0000, 0.0000,
0.0000

155.1135,

189.6397, 185.2068

191.7421,
232.0866, 228.2999

■ 17.9655, 25.5239,
22.3921

■ 17.9655, 25.5239,
22.3921

■ 16.4683, 24.7960,
20.3664

■ 19.7781, 26.4128,
24.5636

■ 15.2639, 24.2156,
18.4813

■ 21.9226, 27.4693,
26.8824

■ 14.3301, 23.7719,
16.7339


■ 24.4167, 28.7029,
29.3521


■ 13.6402, 23.4513,
15.1203


■ 27.2762, 30.1220,
31.9757


■ 13.1446, 23.2281,
13.6356


■ 30.5160, 31.7340,
34.7561

 13.0544, 23.1877,
13.3569

 34.1502, 33.5461,
37.6960

 38.1919, 35.5652,
40.7983

 42.6538, 37.7977,
44.0654

 47.5480, 40.2498,
47.5000

Harmonies

Analogous

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



19.6009, 25.5239, 15.3650



17.9655, 25.5239, 22.3921



17.8982, 25.5239, 32.9992

Triad

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



17.9655, 25.5239, 22.3921



26.0159, 25.5239, 53.1165



29.8612, 25.5239, 15.8027

Complementary

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



17.9655, 25.5239, 22.3921



18.5060, 13.3720, 16.0744

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.



31.9739, 25.5239, 23.1622



17.9655, 25.5239, 22.3921



29.6038, 25.5239, 45.5754

Square

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



17.9655, 25.5239, 22.3921



22.2929, 25.5239, 52.7544



31.8751, 25.5239, 33.9951



26.3389, 25.5239, 12.2875

Rectangle

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



17.9655, 25.5239, 22.3921



18.7355, 25.5239, 40.9360



31.8751, 25.5239, 33.9951



30.7753, 25.5239, 17.8127

Sweetspot

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



17.9662, 25.5249, 22.3927



44.9139, 51.5626, 53.5136



18.9983, 26.2998, 11.4724



9.9855, 11.6090, 11.9551



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



17.9662, 25.5249, 22.3927



28.8080, 43.6402, 35.5685



19.1588, 24.4624, 33.4190



6.2771, 6.9836, 7.3825



10.9610, 19.4479, 11.2813



0.1819, 0.2980, 0.2636

Inverse Universe

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



18.5060, 13.3720, 16.0744



29.8891, 19.4802, 23.0477



17.6159, 13.7505, 9.1230



6.3088, 6.2627, 7.0062



11.6120, 5.8990, 4.4816



0.1910, 0.0952, 0.1588

Previews

White Background



This preview shows how the XYZ color 17.9655, 25.5239, 22.3921 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 17.9655, 25.5239, 22.3921 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 17.9655, 25.5239, 22.3921

Background



This preview shows how black text looks on a background with the XYZ color 17.9655, 25.5239, 22.3921.



This preview shows how white text looks on a background with the XYZ color 17.9655, 25.5239,

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

17.9655, 25.5239, 22.3921

Protanopia

23.7172, 25.1489, 19.8238

Deuteranopia

25.6710, 25.2500, 23.2594



Tritanopia

20.8116, 25.4945, 36.6249

Trichromacy



Original Color

17.9655, 25.5239, 22.3921

Protanomaly

20.8282, 24.7190, 20.8130

Deuteranomaly

21.8322, 24.7489, 23.0284

Tritanomaly

19.6821, 25.5015, 31.0791

Monochromacy



Original Color

17.9655, 25.5239, 22.3921

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

18.9362, 22.4040, 22.7284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9655, 25.5239, 22.3921 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(79, 152, 122)` looks like.

```
.text, #text, p{  
    color:rgb(79, 152, 122)  
}
```

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(79, 152, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 152, 122) }
```

Border

The CSS property to change the border of an element to XYZ 17.9655, 25.5239, 22.3921 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(79, 152, 122) }
```


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

```
.border{ border-color:rgb(79, 152, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 152, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 152, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 152, 122);  
box-shadow:4px 4px 4px 4px rgb(79, 152,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9655, 25.5239, 22.3921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 152, 122) }
```

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

```
.background{ background-color: rgb(79, 152,  
122) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor