

Converting Colors

XYZ(17.3176, 22.9298, 8.1973)

Have a look what the booklet for
XYZ(17.3176, 22.9298, 8.1973)
contains.

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Color

**XYZ(17.3615, 22.9860,
8.2243)**

Conversions

Conversions Part 1

Format	Color
Hex	728D3F
RGB	114, 141, 63
RGB Percent	45%, 55%, 25%
CMY	0.5529, 0.4470, 0.7529
CMYK	0.19, 0.00, 0.55, 0.45
HSL	81°, 38%, 40%
HSV	81°, 55%, 55%
XYZ	17.3615, 22.9860, 8.2243
YIQ	124.0350, 8.9460, -29.9820

Conversions

Conversions Part 2

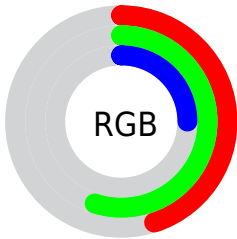
Format	Color
RYB	63, 141, 90
Decimal	7507263
CIELab	55.06, -22.59, 37.97
CIELCh	55, 44.182, 120.748
Yxy	22.9860, 0.3574, 0.4732
Android (android.graphics.Color)	4285697343 (0xFF728D3F)
YUV	124.0350, -30.0903, -8.8007
Hunter-Lab	47.9437, -19.2626, 23.3900

Details

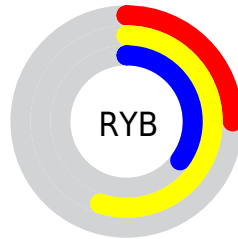
The XYZ color **17.3615, 22.9860, 8.2243** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **10.8025, 7.6523, 26.1083**, and the grayscale version is **19.2654, 20.2687, 22.0726**.

A 20% lighter version of the original color is **38.6442, 48.5473, 22.9566**, and **5.8636, 8.5680, 1.7255** is the 20% darker color. If you saturate the color by 10%, you get **16.3989, 22.5304, 6.3794**, and if you desaturate by 10%, it is **18.4600, 23.5015, 10.6035**.

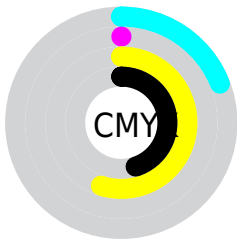
Distribution



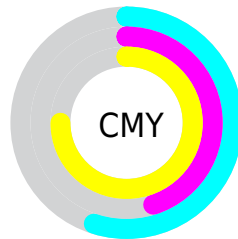
- Red (45%)
- Green (55%)
- Blue (25%)



- Red (25%)
- Yellow (55%)
- Blue (35%)



- Cyan (19%)
- Magenta (0%)
- Yellow (55%)
- Black (45%)



- Cyan (55%)
- Magenta (45%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3615, 22.9860, 8.2243 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 17.3615, 22.9860, 8.2243 by changing the saturation by 10% instead.

■ 17.3615, 22.9860,
8.2243

■ 17.3615, 22.9860,
8.2243

230.3629,
267.6531, 187.4807

■ 10.5895, 14.5832,
4.1490

■ 38.4850, 48.3703,
22.9504

■ 5.8567, 8.5274,
1.7074

■ 53.5671, 66.1206,
34.4382

■ 2.7980, 4.4342,
0.3658

■ 72.1500, 87.7555,
49.2340

■ 1.0479, 1.9193,
0.0000

■ 94.5989, 113.6595,
67.7563

■ 0.0000, 0.5599,
0.0000

■ 121.2794,
144.2168, 90.4235

■ 0.0000, 0.0000,
0.0000

■ 152.5566,

179.8119, 117.6543

188.7960,
220.8292, 149.8672

■ 17.3615, 22.9860,
8.2243

■ 17.3615, 22.9860,
8.2243

■ 16.3989, 22.5304,
6.3794

■ 18.4600, 23.5015,
10.6035

■ 15.5623, 22.1282,
5.0256

■ 19.7004, 24.0770,
13.5524

■ 14.8425, 21.7765,
4.1160

■ 21.0901, 24.7162,
17.1055

■ 14.2264, 21.4700,
3.5839

■ 22.6355, 25.4218,
21.2939

■ 13.9579, 21.3358,
3.3826

■ 24.3426, 26.1962,
26.1466

■ 26.2170, 27.0417,
31.6907

■ 28.2641, 27.9606,
37.9520

■ 30.4890, 28.9548,
44.9549

■ 32.8965, 30.0265,
52.7226

Harmonies

Analogous

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



21.7244, 22.9860, 6.5426



17.3615, 22.9860, 8.2243



14.5932, 22.9860, 13.9912

Triad

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



17.3615, 22.9860, 8.2243



17.5455, 22.9860, 56.8646



32.7304, 22.9860, 24.6761

Complementary

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



17.3615, 22.9860, 8.2243



10.8025, 7.6523, 26.1083

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.



31.1781, 22.9860, 40.7279



17.3615, 22.9860, 8.2243



21.9711, 22.9860, 63.0392

Square

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



17.3615, 22.9860, 8.2243



14.6877, 22.9860, 41.5805



27.0465, 22.9860, 56.2561



31.0220, 22.9860, 13.5799

Rectangle

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



17.3615, 22.9860, 8.2243



13.7815, 22.9860, 20.9219



27.0465, 22.9860, 56.2561



32.5707, 22.9860, 29.6387

Sweetspot

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



17.3621, 22.9870, 8.2248



39.9451, 45.2556, 36.5025



15.4549, 13.1671, 6.4299



8.8138, 10.0587, 7.8571



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



17.3621, 22.9870, 8.2248



29.0341, 40.1874, 10.8454



13.4033, 20.9462, 8.0395



5.6607, 6.1932, 5.7864



12.7438, 19.4623, 3.0849



0.1456, 0.1983, 0.0306

Inverse Universe

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



10.8025, 7.6523, 26.1083



16.1080, 9.9010, 46.1900



15.4881, 10.0679, 26.3275



5.2947, 5.3401, 6.7804



5.5463, 2.3528, 23.1389



0.0751, 0.0339, 0.2223

Previews

White Background



This preview shows how the XYZ color 17.3615, 22.9860, 8.2243 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 17.3615, 22.9860, 8.2243 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 17.3615, 22.9860, 8.2243

Background



This preview shows how black text looks on a background with the XYZ color 17.3615, 22.9860, 8.2243.



This preview shows how white text looks on a background with the XYZ color 17.3615, 22.9860,

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

17.3615, 22.9860, 8.2243

Protanopia

20.9209, 22.9398, 7.6001

Deuteranopia

23.2470, 22.7539, 8.4769



Tritanopia

21.6576, 23.0433, 29.2929

Trichromacy



Original Color

17.3615, 22.9860, 8.2243

Protanomaly

19.3378, 22.7332, 7.7836

Deuteranomaly

20.7767, 22.6457, 8.4303

Tritanomaly

19.5872, 22.8163, 19.2912

Monochromacy



Original Color

17.3615, 22.9860, 8.2243

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.1266, 20.9176, 15.6525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3615, 22.9860, 8.2243 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(114, 141, 63)` looks like.

```
.text, #text, p{  
    color:rgb(114, 141, 63)  
}
```

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(114, 141, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 141, 63) }
```

Border

The CSS property to change the border of an element to XYZ 17.3615, 22.9860, 8.2243 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(114, 141, 63) }
```


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

```
.border{ border-color:rgb(114, 141, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 141, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 141, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 141, 63);  
box-shadow:4px 4px 4px 4px rgb(114, 141,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3615, 22.9860, 8.2243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 141, 63) }
```

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

```
.background{ background-color: rgb(114,  
141, 63) }
```

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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