

Converting Colors

XYZ(17.7533, 22.9214, 13.3708)

Have a look what the booklet for
XYZ(17.7533, 22.9214, 13.3708)
contains.

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Color

**XYZ(17.6968, 22.8265,
13.3708)**

Conversions

Conversions Part 1

Format	Color
Hex	6E8C5B
RGB	110, 140, 91
RGB Percent	43%, 55%, 36%
CMY	0.5686, 0.4510, 0.6431
CMYK	0.21, 0.00, 0.35, 0.45
HSL	97°, 21%, 45%
HSV	97°, 35%, 55%
XYZ	17.6968, 22.8265, 13.3708
YIQ	125.4440, -2.1510, -21.5990

Conversions

Conversions Part 2

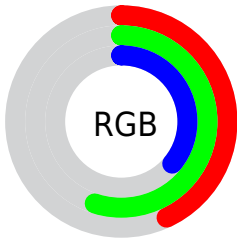
Format	Color
R_{YB}	91, 140, 121
Decimal	7244891
CIE _{Lab}	54.89, -20.06, 22.82
CIE _{LCh}	55, 30.386, 131.322
Yxy	22.8265, 0.3284, 0.4235
Android (android.graphics.Color)	4285434971 (0xFF6E8C5B)
YUV	125.4440, -16.9809, -13.5444
Hunter-Lab	47.7771, -17.4929, 16.8512

Details

The XYZ color **17.6968, 22.8265, 13.3708** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **16.3609, 13.4413, 26.5443**, and the grayscale version is **19.6994, 20.7253, 22.5698**.

A 20% lighter version of the original color is **39.0746, 48.2179, 32.8387**, and **6.0353, 8.4863, 3.7028** is the 20% darker color. If you saturate the color by 10%, you get **16.1330, 22.0844, 10.4338**, and if you desaturate by 10%, it is **19.4776, 23.6688, 16.9071**.

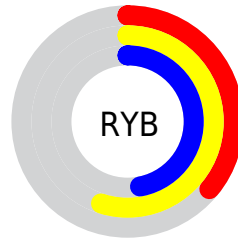
Distribution



Red (43%)

Green (55%)

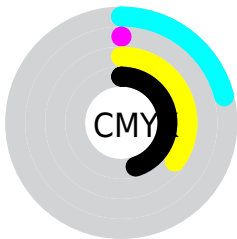
Blue (36%)



Red (36%)

Yellow (55%)

Blue (47%)

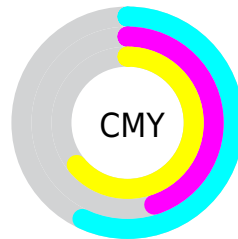


Cyan (21%)

Magenta (0%)

Yellow (35%)

Black (45%)



Cyan (57%)

Magenta (45%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6968, 22.8265, 13.3708 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 17.6968, 22.8265, 13.3708 by changing the saturation by 10% instead.

■ 17.6968, 22.8265,
13.3708

■ 17.6968, 22.8265,
13.3708

232.2352,
266.8326, 224.5712

■ 10.8309, 14.4654,
7.5507

■ 39.0541, 48.1083,
32.6693

■ 6.0197, 8.4451,
3.7252

■ 54.2763, 65.7978,
46.9846

■ 2.8978, 4.3811,
1.4758

■ 73.0146, 87.3656,
64.9689

■ 1.1000, 1.8889,
0.1998

■ 95.6343, 113.1961,
87.0404

■ 0.0251, 0.5417,
0.0000

122.5009,
143.6736, 113.6179

■ 0.0000, 0.0000,
0.0000

153.9797,

179.1826, 145.1199

190.4360,
220.1075, 181.9648

■ 17.6968, 22.8265,
13.3708

■ 17.6968, 22.8265,
13.3708

■ 16.1330, 22.0844,
10.4338

■ 19.4776, 23.6688,
16.9071

■ 14.7754, 21.4356,
8.0615

■ 21.4824, 24.6122,
21.0719

■ 13.6145, 20.8768,
6.2179


■ 23.7198, 25.6612,
25.8942


■ 12.6395, 20.4032,
4.8622


■ 26.1974, 26.8192,
31.4008


■ 11.8382, 20.0095,
3.9477


■ 28.9226, 28.0893,
37.6171


 11.1950, 19.6891,
3.4113

 31.9023, 29.4746,
44.5670

 10.9150, 19.5492,
3.1981

 35.1431, 30.9781,
52.2735

 38.6516, 32.6026,
60.7584

 42.4339, 34.3509,
70.0427

Harmonies

Analogous

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



20.4499, 22.8265, 10.7494



17.6968, 22.8265, 13.3708



16.1240, 22.8265, 19.3782

Triad

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



17.6968, 22.8265, 13.3708



19.6885, 22.8265, 46.8739



28.6810, 22.8265, 21.3898

Complementary

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



17.6968, 22.8265, 13.3708



16.3609, 13.4413, 26.5443

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.



28.4230, 22.8265, 31.2753



17.6968, 22.8265, 13.3708



22.9916, 22.8265, 47.8196

Square

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



17.6968, 22.8265, 13.3708



17.1892, 22.8265, 39.2123



26.2562, 22.8265, 41.5354



26.9286, 22.8265, 14.5141

Rectangle

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



17.6968, 22.8265, 13.3708



15.8474, 22.8265, 25.2844



26.2562, 22.8265, 41.5354



28.8309, 22.8265, 24.4289

Sweetspot

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



17.6974, 22.8275, 13.3713



39.3102, 44.0651, 40.2140



19.4692, 19.8611, 12.7053



8.9533, 10.1045, 9.0420



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.



17.6974, 22.8275, 13.3713



28.9943, 39.1970, 19.4046



15.7999, 21.8241, 14.4224



5.1433, 5.6966, 5.3809



9.7189, 17.3802, 2.8425



0.0801, 0.1235, 0.0196

Inverse Universe

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



16.3609, 13.4413, 26.5443



26.2663, 20.0770, 46.2338



18.9374, 14.8104, 24.8203



5.0492, 5.0338, 6.3113



7.6157, 3.4401, 22.3083



0.0670, 0.0313, 0.1490

Previews

White Background



This preview shows how the XYZ color 17.6968, 22.8265, 13.3708 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 17.6968, 22.8265, 13.3708 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 17.6968, 22.8265, 13.3708

Background



This preview shows how black text looks on a background with the XYZ color 17.6968, 22.8265, 13.3708.



This preview shows how white text looks on a background with the XYZ color 17.6968, 22.8265,

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

17.6968, 22.8265, 13.3708

Protanopia

20.9919, 22.6715, 12.2865

Deuteranopia

22.8716, 22.4439, 13.7163



Tritanopia

20.8928, 22.6402, 29.6544

Trichromacy



Original Color

17.6968, 22.8265, 13.3708

Protanomaly

19.4925, 22.5006, 12.5482

Deuteranomaly

20.6059, 22.2445, 13.5635

Tritanomaly

19.5761, 22.7338, 22.7583

Monochromacy



Original Color

17.6968, 22.8265, 13.3708

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.7090, 21.1506, 18.7192

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6968, 22.8265, 13.3708 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(110, 140, 91)` looks like.

```
.text, #text, p{  
    color:rgb(110, 140, 91)  
}
```

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(110, 140, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 140, 91) }
```

Border

The CSS property to change the border of an element to XYZ 17.6968, 22.8265, 13.3708 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(110, 140, 91) }
```


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

```
.border{ border-color:rgb(110, 140, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 140, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 140, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 140, 91);  
box-shadow:4px 4px 4px 4px rgb(110, 140,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6968, 22.8265, 13.3708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 140, 91) }
```

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

```
.background{ background-color: rgb(110,  
140, 91) }
```

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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