

Converting Colors

XYZ(15.3025, 22.4512, 17.7414)

Have a look what the booklet for
XYZ(15.3025, 22.4512, 17.7414)
contains.

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Color

**XYZ(15.2786, 22.3688,
17.6997)**

Conversions

Conversions Part 1

Format	Color
Hex	47906C
RGB	71, 144, 108
RGB Percent	28%, 56%, 42%
CMY	0.7216, 0.4353, 0.5765
CMYK	0.51, 0.00, 0.25, 0.44
HSL	150°, 34%, 42%
HSV	150°, 51%, 56%
XYZ	15.2786, 22.3688, 17.6997
YIQ	118.0690, -31.9520, -26.6720

Conversions

Conversions Part 2

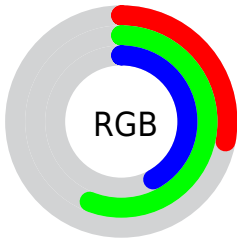
Format	Color
R_{YB}	71, 119, 144
Decimal	4690028
CIE _{Lab}	54.42, -31.65, 12.26
CIE _{LCh}	54, 33.943, 158.836
Yxy	22.3688, 0.2761, 0.4042
Android (android.graphics.Color)	4282880108 (0xFF47906C)
YUV	118.0690, -4.9640, -41.2795
Hunter-Lab	47.2957, -25.1040, 10.9186

Details

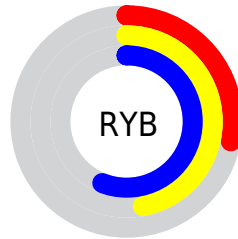
The XYZ color **15.2786, 22.3688, 17.6997** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **16.4095, 11.4979, 15.2654**, and the grayscale version is **17.2643, 18.1633, 19.7799**.

A 20% lighter version of the original color is **34.8514, 47.2113, 40.5335**, and **4.8680, 8.2261, 5.6062** is the 20% darker color. If you saturate the color by 10%, you get **13.9824, 21.7431, 15.7460**, and if you desaturate by 10%, it is **16.8571, 23.1377, 19.8283**.

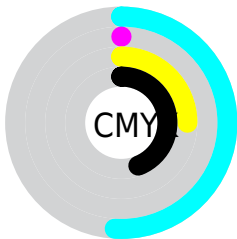
Distribution



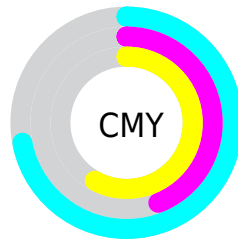
- Red (28%)
- Green (56%)
- Blue (42%)



- Red (28%)
- Yellow (47%)
- Blue (56%)



- Cyan (51%)
- Magenta (0%)
- Yellow (25%)
- Black (44%)



- Cyan (72%)
- Magenta (44%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2786, 22.3688, 17.6997 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 15.2786, 22.3688, 17.6997 by changing the saturation by 10% instead.

■ 15.2786, 22.3688,
17.6997

■ 15.2786, 22.3688,
17.6997

218.4015,
264.4662, 251.3519

■ 9.1027, 14.1281,
10.5674

■ 34.9088, 47.3548,
40.3320

■ 4.8659, 8.2098,
5.6663

■ 49.0939, 64.8689,
56.6690

■ 2.2027, 4.2295,
2.5777

■ 66.6795, 86.2430,
76.9113

■ 0.7442, 1.8028,
0.8809

■ 88.0308, 111.8614,
101.4776

■ 0.0000, 0.4889,
0.0000

■ 113.5134,
142.1085, 130.7862

■ 0.0000, 0.0000,
0.0000

143.4924,

177.3688, 165.2558

178.3333,
218.0265, 205.3048

■ 15.2786, 22.3688,
17.6997

■ 15.2786, 22.3688,
17.6997

■ 13.9824, 21.7431,
15.7460

■ 16.8571, 23.1377,
19.8283

■ 12.9481, 21.2483,
13.9611

■ 18.7330, 24.0556,
22.1348

■ 12.1550, 20.8745,
12.3404

■ 20.9224, 25.1315,
24.6240

■ 11.5786, 20.6091,
10.8788

■ 23.4398, 26.3726,
27.3000

■ 11.1758, 20.4281,
9.6548

■ 26.2986, 27.7859,
30.1667

■ 29.5116, 29.3779,
33.2281

■ 33.0909, 31.1546,
36.4879

■ 37.0478, 33.1219,
39.9497

■ 41.3933, 35.2854,
43.6170

Harmonies

Analogous

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



17.0942, 22.3688, 11.6570



15.2786, 22.3688, 17.6997



14.9627, 22.3688, 27.6303

Triad

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



15.2786, 22.3688, 17.6997



22.3754, 22.3688, 50.6321



27.3152, 22.3688, 13.6601

Complementary

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



15.2786, 22.3688, 17.6997



16.4095, 11.4979, 15.2654

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.



29.1168, 22.3688, 21.3508



15.2786, 22.3688, 17.6997



26.0549, 22.3688, 43.9855

Square

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



15.2786, 22.3688, 17.6997



18.7881, 22.3688, 48.8049



28.6306, 22.3688, 32.5010



23.9416, 22.3688, 9.8406

Rectangle

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



15.2786, 22.3688, 17.6997



15.6045, 22.3688, 35.5967



28.6306, 22.3688, 32.5010



28.1416, 22.3688, 15.7721

Sweetspot

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



15.2792, 22.3697, 17.7002



39.2188, 45.4664, 45.9300



17.2351, 23.5593, 9.6007



8.8029, 10.3324, 10.3291



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



15.2792, 22.3697, 17.7002



24.3472, 38.1976, 27.2616



17.6066, 23.3007, 29.9561



5.4498, 6.0721, 6.3343



9.7436, 17.7933, 8.4699



0.1043, 0.1746, 0.1395

Inverse Universe

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



16.4095, 11.4979, 15.2654



26.5782, 16.7447, 22.4604



14.8928, 10.8913, 7.2789



5.5128, 5.4656, 6.1983



11.0185, 5.5644, 5.7488



0.1164, 0.0576, 0.1133

Previews

White Background



This preview shows how the XYZ color 15.2786, 22.3688, 17.6997 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 15.2786, 22.3688, 17.6997 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 15.2786, 22.3688, 17.6997

Background



This preview shows how black text looks on a background with the XYZ color 15.2786, 22.3688, 17.6997.



This preview shows how white text looks on a background with the XYZ color 15.2786, 22.3688,

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

15.2786, 22.3688, 17.6997

Protanopia

20.6805, 22.0434, 15.4767

Deuteranopia

22.4710, 22.1330, 18.4170



Tritanopia

18.2173, 22.4611, 32.2294

Trichromacy



Original Color

15.2786, 22.3688, 17.6997

Protanomaly

17.9632, 21.6271, 16.3244

Deuteranomaly

18.8662, 21.6433, 18.2221

Tritanomaly

17.0399, 22.4187, 26.3508

Monochromacy



Original Color

15.2786, 22.3688, 17.6997

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

15.9935, 19.1604, 18.7750

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2786, 22.3688, 17.6997 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(71, 144, 108)` looks like.

```
.text, #text, p{  
    color:rgb(71, 144, 108)  
}
```

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(71, 144, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 144, 108) }
```

Border

The CSS property to change the border of an element to XYZ 15.2786, 22.3688, 17.6997 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(71, 144, 108) }
```


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

```
.border{ border-color:rgb(71, 144, 108) }
```

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

Here you see how a box with a 4 pixel rgb(71, 144, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 144, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 144, 108);  
box-shadow:4px 4px 4px 4px rgb(71, 144,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2786, 22.3688, 17.6997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 144, 108) }
```

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

```
.background{ background-color: rgb(71, 144,  
108) }
```

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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