

Converting Colors

XYZ(15.7637, 22.8969, 10.2356)

Have a look what the booklet for
XYZ(15.7637, 22.8969, 10.2356)
contains.

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Color

**XYZ(15.6569, 22.7298,
10.2187)**

Conversions

Conversions Part 1

Format	Color
Hex	5C904B
RGB	92, 144, 75
RGB Percent	36%, 56%, 29%
CMY	0.6392, 0.4353, 0.7059
CMYK	0.36, 0.00, 0.48, 0.44
HSL	105°, 32%, 43%
HSV	105°, 48%, 56%
XYZ	15.6569, 22.7298, 10.2187
YIQ	120.5860, -8.8430, -32.4830

Conversions

Conversions Part 2

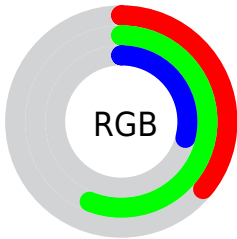
Format	Color
RYB	75, 144, 127
Decimal	6066251
CIELab	54.79, -31.05, 31.17
CIELCh	55, 43.997, 134.893
Yxy	22.7298, 0.3221, 0.4676
Android (android.graphics.Color)	4284256331 (0xFF5C904B)
YUV	120.5860, -22.4739, -25.0699
Hunter-Lab	47.6758, -24.8126, 20.6650

Details

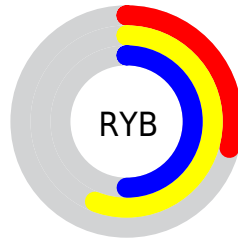
The XYZ color **15.6569, 22.7298, 10.2187** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **16.3035, 11.5585, 27.7584**, and the grayscale version is **18.1131, 19.0564, 20.7524**.

A 20% lighter version of the original color is **35.5728, 47.8886, 26.7706**, and **5.0384, 8.3840, 2.4513** is the 20% darker color. If you saturate the color by 10%, you get **14.2113, 22.0359, 7.8632**, and if you desaturate by 10%, it is **17.3705, 23.5503, 13.1701**.

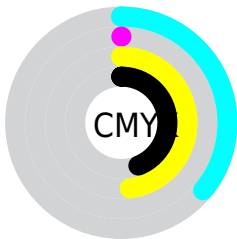
Distribution



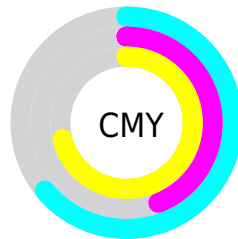
- Red (36%)
- Green (56%)
- Blue (29%)



- Red (29%)
- Yellow (56%)
- Blue (50%)



- Cyan (36%)
- Magenta (0%)
- Yellow (48%)
- Black (44%)



- Cyan (64%)
- Magenta (44%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6569, 22.7298, 10.2187 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 15.6569, 22.7298, 10.2187 by changing the saturation by 10% instead.

■ 15.6569, 22.7298,
10.2187

■ 15.6569, 22.7298,
10.2187

220.6190,
266.3341, 202.7671

■ 9.3710, 14.3941,
5.4367

■ 35.5638, 47.9493,
26.8203

■ 5.0430, 8.3953,
2.4425

■ 49.9155, 65.6019,
39.4769

■ 2.3075, 4.3489,
0.8095

■ 67.6866, 87.1289,
55.5956

■ 0.7985, 1.8706,
0.0000

■ 89.2423, 112.9147,
75.5947

■ 0.0000, 0.5306,
0.0000

■ 114.9480,
143.3438, 99.8929

■ 0.0000, 0.0000,
0.0000

145.1691,

178.8004, 128.9086

180.2710,
219.6691, 163.0605

■ 15.6569, 22.7298,
10.2187

■ 15.6569, 22.7298,
10.2187

■ 14.2113, 22.0359,
7.8632

■ 17.3705, 23.5503,
13.1701

■ 13.0180, 21.4593,
6.0616

■ 19.3636, 24.5006,
16.7527

■ 12.0617, 20.9940,
4.7689


■ 21.6490, 25.5871,
21.0006


■ 11.3250, 20.6320,
3.9324


■ 24.2380, 26.8150,
25.9451


■ 10.7798, 20.3611,
3.4481


■ 27.1415, 28.1893,
31.6157

 10.6831, 20.3131,
3.3578

 30.3698, 29.7147,
38.0400

 33.9328, 31.3957,
45.2442

 37.8397, 33.2366,
53.2533

 42.0996, 35.2415,
62.0910

Harmonies

Analogous

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



19.2901, 22.7298, 6.8485



15.6569, 22.7298, 10.2187



13.7796, 22.7298, 18.4087

Triad

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



15.6569, 22.7298, 10.2187



19.2589, 22.7298, 60.6220



31.9518, 22.7298, 18.4879

Complementary

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



15.6569, 22.7298, 10.2187



16.3035, 11.5585, 27.7584

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.



31.9401, 22.7298, 32.3996



15.6569, 22.7298, 10.2187



24.0959, 22.7298, 60.6689

Square

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



15.6569, 22.7298, 10.2187



15.6370, 22.7298, 48.8510



28.8935, 22.7298, 48.9621



28.9234, 22.7298, 10.2579

Rectangle

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



15.6569, 22.7298, 10.2187



13.5667, 22.7298, 27.1027



28.8935, 22.7298, 48.9621



32.3165, 22.7298, 22.5355

Sweetspot

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



15.6575, 22.7308, 10.2192



39.7763, 45.8844, 40.0587



20.3296, 21.5525, 9.7455



8.9227, 10.4279, 8.8087



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.



15.6575, 22.7308, 10.2192



25.0059, 38.8364, 13.7763



14.8183, 22.2205, 13.6911



5.4596, 6.0896, 5.7770



9.3216, 17.6981, 2.9248



0.1066, 0.1782, 0.0288

Inverse Universe

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



16.3035, 11.5585, 27.7584



26.2501, 16.7701, 48.3914



17.8330, 12.4878, 21.4648



5.4983, 5.4451, 6.7900



9.8468, 4.5698, 23.3402



0.1141, 0.0540, 0.2241

Previews

White Background



This preview shows how the XYZ color 15.6569, 22.7298, 10.2187 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 15.6569, 22.7298, 10.2187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

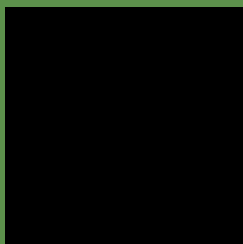
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.6569, 22.7298, 10.2187

Background



This preview shows how black text looks on a background with the XYZ color 15.6569, 22.7298, 10.2187.



This preview shows how white text looks on a background with the XYZ color 15.6569, 22.7298,

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

15.6569, 22.7298, 10.2187

Protanopia

20.7234, 22.6041, 9.0651

Deuteranopia

22.8821, 22.5155, 10.7293



Tritanopia

19.7795, 22.6580, 30.9347

Trichromacy



Original Color

15.6569, 22.7298, 10.2187

Protanomaly

18.4313, 22.4362, 9.4901

Deuteranomaly

19.4579, 22.1209, 10.4519

Tritanomaly

17.9393, 22.5550, 21.4972

Monochromacy



Original Color

15.6569, 22.7298, 10.2187

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

16.7794, 20.0150, 16.0756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6569, 22.7298, 10.2187 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(92, 144, 75)` looks like.

```
.text, #text, p{  
    color:rgb(92, 144, 75)  
}
```

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(92, 144, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 144, 75) }
```

Border

The CSS property to change the border of an element to XYZ 15.6569, 22.7298, 10.2187 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(92, 144, 75) }
```


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

```
.border{ border-color:rgb(92, 144, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 144, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 144, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 144, 75);  
box-shadow:4px 4px 4px 4px rgb(92, 144,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6569, 22.7298, 10.2187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 144, 75) }
```

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

```
.background{ background-color: rgb(92, 144,  
75) }
```

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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