

Converting Colors

XYZ(16.0894, 22.7004, 14.5490)

Have a look what the booklet for
XYZ(16.0894, 22.7004, 14.5490)
contains.

XYZ(16.0536, 22.6133, 14.5850)	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(16.0536, 22.6133,
14.5850)**

Conversions

Conversions Part 1

Format	Color
Hex	598F60
RGB	89, 143, 96
RGB Percent	35%, 56%, 38%
CMY	0.6510, 0.4392, 0.6235
CMYK	0.38, 0.00, 0.33, 0.44
HSL	128°, 23%, 45%
HSV	128°, 38%, 56%
XYZ	16.0536, 22.6133, 14.5850
YIQ	121.4960, -17.0970, -26.0650

Conversions

Conversions Part 2

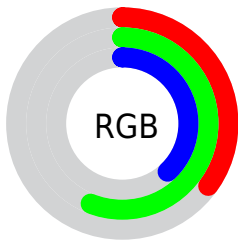
Format	Color
R_{YB}	89, 137, 143
Decimal	5869408
CIE _{Lab}	54.67, -28.23, 19.52
CIE _{LCh}	55, 34.323, 145.348
Yxy	22.6133, 0.3015, 0.4246
Android (android.graphics.Color)	4284059488 (0xFF598F60)
YUV	121.4960, -12.5695, -28.4990
Hunter-Lab	47.5534, -22.9586, 15.1027

Details

The XYZ color **16.0536, 22.6133, 14.5850** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.3447, 14.7624, 25.1233**, and the grayscale version is **18.3786, 19.3357, 21.0566**.

A 20% lighter version of the original color is **36.2172, 47.7018, 34.9023**, and **5.2182, 8.3074, 4.2342** is the 20% darker color. If you saturate the color by 10%, you get **14.2840, 21.7628, 11.7442**, and if you desaturate by 10%, it is **18.1817, 23.6395, 17.9172**.

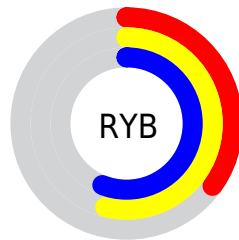
Distribution



Red (35%)

Green (56%)

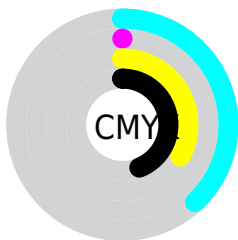
Blue (38%)



Red (35%)

Yellow (54%)

Blue (56%)

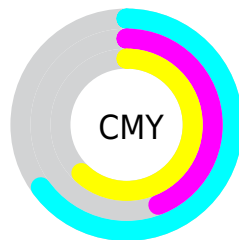


Cyan (38%)

Magenta (0%)

Yellow (33%)

Black (44%)



Cyan (65%)

Magenta (44%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0536, 22.6133, 14.5850 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 16.0536, 22.6133, 14.5850 by changing the saturation by 10% instead.

■ 16.0536, 22.6133,
14.5850

■ 16.0536, 22.6133,
14.5850

222.9220,
265.7326, 232.3940

■ 9.6532, 14.3082,
8.3853

■ 36.2479, 47.7576,
34.8554

■ 5.2301, 8.3354,
4.2512

■ 50.7725, 65.3656,
49.7632

■ 2.4190, 4.3103,
1.7641

■ 68.7359, 86.8434,
68.4108

■ 0.8546, 1.8486,
0.4041

■ 90.5035, 112.5753,
91.2166

■ 0.0000, 0.5172,
0.0000

116.4405,
142.9458, 118.5993

■ 0.0000, 0.0000,
0.0000

146.9123,

178.3392, 150.9775

182.2844,
219.1400, 188.7695

■ 16.0536, 22.6133,
14.5850

■ 16.0536, 22.6133,
14.5850

■ 14.2840, 21.7628,
11.7442

■ 18.1817, 23.6395,
17.9172

■ 12.8515, 21.0753,
9.3701

■ 20.6848, 24.8474,
21.7610

■ 11.7348, 20.5412,
7.4382


■ 23.5805, 26.2463,
26.1372


■ 10.9098, 20.1486,
5.9212


■ 26.8847, 27.8440,
31.0649


■ 10.3485, 19.8838,
4.7885


■ 30.6124, 29.6479,
36.5625


 10.0013, 19.7218,
4.0048

 34.7780, 31.6650,
42.6474

 9.9365, 19.6913,
3.8727

 39.3951, 33.9020,
49.3363

 44.4767, 36.3651,
56.6451

 50.0353, 39.0606,
64.5894

Harmonies

Analogous

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



18.5306, 22.6133, 10.1988



16.0536, 22.6133, 14.5850



15.0348, 22.6133, 22.9727

Triad

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



16.0536, 22.6133, 14.5850



20.9094, 22.6133, 51.7279



28.7503, 22.6133, 16.7453

Complementary

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



16.0536, 22.6133, 14.5850



19.3447, 14.7624, 25.1233

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.



29.5782, 22.6133, 26.3485



16.0536, 22.6133, 14.5850



24.7560, 22.6133, 48.6189

Square

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



16.0536, 22.6133, 14.5850



17.6213, 22.6133, 46.0108



28.0408, 22.6133, 38.4488



25.8945, 22.6133, 11.1656

Rectangle

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



16.0536, 22.6133, 14.5850



15.2208, 22.6133, 30.5500



28.0408, 22.6133, 38.4488



29.2882, 22.6133, 19.5153

Sweetspot

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



16.0542, 22.6142, 14.5855



40.3465, 46.0922, 43.9764



21.8940, 25.6604, 13.2504



9.1084, 10.5004, 9.8675



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.



16.0542, 22.6142, 14.5855



26.1077, 39.2259, 21.8896



17.4744, 23.1823, 22.0643



5.3696, 6.0401, 5.9121



8.7902, 17.4120, 3.4495



0.0885, 0.1682, 0.0563

Inverse Universe

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



19.3447, 14.7624, 25.1233



32.8417, 23.1426, 43.4433



17.6989, 14.1041, 16.4563



5.5966, 5.4992, 6.6396



13.2639, 6.4626, 17.5727



0.1322, 0.0640, 0.1966

Previews

White Background



This preview shows how the XYZ color 16.0536, 22.6133, 14.5850 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 16.0536, 22.6133, 14.5850 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 16.0536, 22.6133, 14.5850

Background



This preview shows how black text looks on a background with the XYZ color 16.0536, 22.6133, 14.5850.



This preview shows how white text looks on a background with the XYZ color 16.0536, 22.6133,

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

16.0536, 22.6133, 14.5850

Protanopia

20.8555, 22.3833, 13.1187

Deuteranopia

22.7707, 22.3596, 15.1723



Tritanopia

19.4365, 22.6821, 31.3706

Trichromacy



Original Color

16.0536, 22.6133, 14.5850

Protanomaly

18.6658, 22.2558, 13.6679

Deuteranomaly

19.7093, 22.1492, 15.0408

Tritanomaly

17.9144, 22.4831, 24.1644

Monochromacy



Original Color

16.0536, 22.6133, 14.5850

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.0816, 20.1216, 18.3128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0536, 22.6133, 14.5850 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(89, 143, 96)` looks like.

```
.text, #text, p{  
    color:rgb(89, 143, 96)  
}
```

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(89, 143, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 143, 96) }
```

Border

The CSS property to change the border of an element to XYZ 16.0536, 22.6133, 14.5850 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(89, 143, 96) }
```


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

```
.border{ border-color:rgb(89, 143, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 143, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 143, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 143, 96);  
box-shadow:4px 4px 4px 4px rgb(89, 143,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0536, 22.6133, 14.5850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 143, 96) }
```

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

```
.background{ background-color: rgb(89, 143,  
96) }
```

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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