

Converting Colors

XYZ(15.2934, 22.6508, 14.9569)

Have a look what the booklet for
XYZ(15.2934, 22.6508, 14.9569)
contains.

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Color

**XYZ(15.2636, 22.6504,
14.8767)**

Conversions

Conversions Part 1

Format	Color
Hex	4C9161
RGB	76, 145, 97
RGB Percent	30%, 57%, 38%
CMY	0.7020, 0.4314, 0.6196
CMYK	0.48, 0.00, 0.33, 0.43
HSL	138°, 31%, 43%
HSV	138°, 48%, 57%
XYZ	15.2636, 22.6504, 14.8767
YIQ	118.8970, -25.7160, -29.5560

Conversions

Conversions Part 2

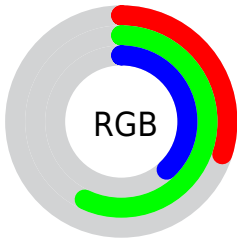
Format	Color
RYB	76, 129, 145
Decimal	5017953
CIELab	54.71, -33.01, 18.90
CIElCh	55, 38.041, 150.201
Yxy	22.6504, 0.2891, 0.4291
Android (android.graphics.Color)	4283208033 (0xFF4C9161)
YUV	118.8970, -10.7952, -37.6207
Hunter-Lab	47.5924, -26.0392, 14.7815

Details

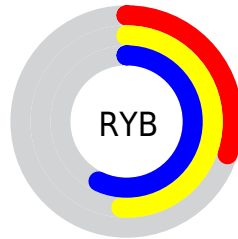
The XYZ color **15.2636, 22.6504, 14.8767** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.9004, 12.6444, 20.5670**, and the grayscale version is **17.5414, 18.4549, 20.0974**.

A 20% lighter version of the original color is **34.8220, 47.6521, 35.3794**, and **4.8669, 8.3844, 4.3795** is the 20% darker color. If you saturate the color by 10%, you get **13.7981, 21.9465, 12.5073**, and if you desaturate by 10%, it is **17.0498, 23.5140, 17.5744**.

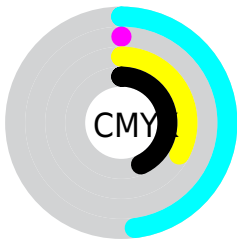
Distribution



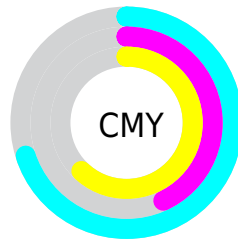
- Red (30%)
- Green (57%)
- Blue (38%)



- Red (30%)
- Yellow (51%)
- Blue (57%)



- Cyan (48%)
- Magenta (0%)
- Yellow (33%)
- Black (43%)



- Cyan (70%)
- Magenta (43%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2636, 22.6504, 14.8767 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 15.2636, 22.6504, 14.8767 by changing the saturation by 10% instead.

■ 15.2636, 22.6504,
14.8767

■ 15.2636, 22.6504,
14.8767

218.3131,
265.9243, 234.2337

■ 9.0921, 14.3356,
8.5872

■ 34.8828, 47.8186,
35.3760

■ 4.8589, 8.3544,
4.3798

■ 49.0613, 65.4409,
50.4229

■ 2.1986, 4.3226,
1.8359

■ 66.6394, 86.9343,
69.2260

■ 0.7420, 1.8556,
0.4515

■ 87.9826, 112.6834,
92.2038

■ 0.0000, 0.5215,
0.0000

■ 113.4562,
143.0726, 119.7750

■ 0.0000, 0.0000,
0.0000

143.4256,

178.4862, 152.3580

178.2561,
219.3086, 190.3714

■ 15.2636, 22.6504,
14.8767

■ 15.2636, 22.6504,
14.8767

■ 13.7981, 21.9465,
12.5073

■ 17.0498, 23.5140,
17.5744

■ 12.6316, 21.3894,
10.4519

■ 19.1730, 24.5436,
20.6108

■ 11.7425, 20.9690,
8.6978


■ 21.6507, 25.7484,
23.9976


■ 11.1052, 20.6722,
7.2304


■ 24.4984, 27.1365,
27.7456


■ 10.6740, 20.4760,
6.0332


■ 27.7307, 28.7150,
31.8652

 10.5829, 20.4345,
5.7822

 31.3615, 30.4909,
36.3663

 35.4041, 32.4708,
41.2583

 39.8708, 34.6610,
46.5504

 44.7738, 37.0674,
52.2516

Harmonies

Analogous

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



17.7227, 22.6504, 9.6069



15.2636, 22.6504, 14.8767



14.4318, 22.6504, 24.7437

Triad

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



15.2636, 22.6504, 14.8767



21.5569, 22.6504, 55.7014



29.2740, 22.6504, 14.7766

Complementary

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



15.2636, 22.6504, 14.8767



17.9004, 12.6444, 20.5670

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.



30.6375, 22.6504, 24.5814



15.2636, 22.6504, 14.8767



25.8435, 22.6504, 50.4795

Square

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



15.2636, 22.6504, 14.8767



17.7659, 22.6504, 50.6104



29.3087, 22.6504, 38.0062



25.7881, 22.6504, 9.5636

Rectangle

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



15.2636, 22.6504, 14.8767



14.8149, 22.6504, 33.5245



29.3087, 22.6504, 38.0062



30.0145, 22.6504, 17.5184

Sweetspot

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



15.2642, 22.6513, 14.8772



40.3770, 46.8917, 45.1130



19.7864, 25.0812, 10.6361



8.7700, 10.3281, 9.7538



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.



15.2642, 22.6513, 14.8772



24.5687, 39.2339, 22.1604



17.2169, 23.4324, 25.1603



5.4063, 6.0547, 6.1052



9.0874, 17.5308, 5.0147



0.0958, 0.1712, 0.0948

Inverse Universe

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



17.9004, 12.6444, 20.5670



29.8627, 19.0855, 33.5472



16.0992, 11.9239, 11.0817



5.5573, 5.4834, 6.4328



12.0371, 5.9718, 11.1124



0.1249, 0.0610, 0.1580

Previews

White Background



This preview shows how the XYZ color 15.2636, 22.6504, 14.8767 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 15.2636, 22.6504, 14.8767 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 15.2636, 22.6504, 14.8767

Background



This preview shows how black text looks on a background with the XYZ color 15.2636, 22.6504, 14.8767.



This preview shows how white text looks on a background with the XYZ color 15.2636, 22.6504,

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

15.2636, 22.6504, 14.8767

Protanopia

20.8555, 22.3833, 13.1187

Deuteranopia

22.6315, 22.2822, 15.4200



Tritanopia

18.7133, 22.5028, 32.2113

Trichromacy



Original Color

15.2636, 22.6504, 14.8767

Protanomaly

17.9759, 21.9002, 13.6357

Deuteranomaly

18.8637, 21.7077, 15.2524

Tritanomaly

17.2778, 22.5733, 24.9192

Monochromacy



Original Color

15.2636, 22.6504, 14.8767

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

16.1819, 19.4696, 17.9441

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2636, 22.6504, 14.8767 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(76, 145, 97)` looks like.

```
.text, #text, p{  
    color:rgb(76, 145, 97)  
}
```

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(76, 145, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 145, 97) }
```

Border

The CSS property to change the border of an element to XYZ 15.2636, 22.6504, 14.8767 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(76, 145, 97) }
```


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

```
.border{ border-color:rgb(76, 145, 97) }
```

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

Here you see how a box with a 4 pixel rgb(76, 145, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 145, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 145, 97);  
box-shadow:4px 4px 4px 4px rgb(76, 145,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2636, 22.6504, 14.8767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 145, 97) }
```

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

```
.background{ background-color: rgb(76, 145,  
97) }
```

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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