

Converting Colors

XYZ(9.5767, 14.5417, 6.3435)

Have a look what the booklet for
XYZ(9.5767, 14.5417, 6.3435)
contains.

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Color

**XYZ(9.4889, 14.4206,
6.2863)**

Conversions

Conversions Part 1

Format	Color
Hex	42763A
RGB	66, 118, 58
RGB Percent	26%, 46%, 23%
CMY	0.7412, 0.5372, 0.7725
CMYK	0.44, 0.00, 0.51, 0.54
HSL	112°, 34%, 35%
HSV	112°, 51%, 46%
XYZ	9.4889, 14.4206, 6.2863
YIQ	95.6120, -11.7320, -29.6840

Conversions

Conversions Part 2

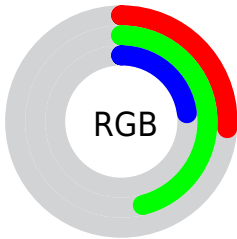
Format	Color
RYB	58, 118, 110
Decimal	4355642
CIELab	44.83, -30.25, 27.58
CIElCh	45, 40.935, 137.641
Yxy	14.4206, 0.3142, 0.4776
Android (android.graphics.Color)	4282545722 (0xFF42763A)
YUV	95.6120, -18.5427, -25.9697
Hunter-Lab	37.9745, -21.8525, 16.7672

Details

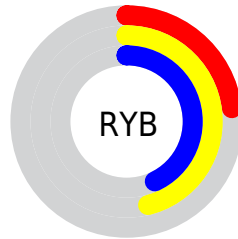
The XYZ color **9.4889, 14.4206, 6.2863** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **11.2142, 7.6496, 18.0258**, and the grayscale version is **11.0700, 11.6465, 12.6831**.

A 20% lighter version of the original color is **24.5005, 33.9483, 18.8970**, and **2.3605, 4.3684, 1.0666** is the 20% darker color. If you saturate the color by 10%, you get **8.5941, 13.9905, 4.8531**, and if you desaturate by 10%, it is **10.5765, 14.9430, 8.0884**.

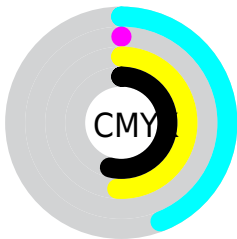
Distribution



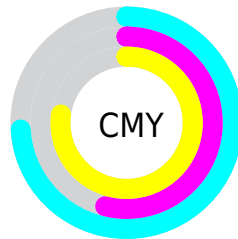
- Red (26%)
- Green (46%)
- Blue (23%)



- Red (23%)
- Yellow (46%)
- Blue (43%)



- Cyan (44%)
- Magenta (0%)
- Yellow (51%)
- Black (54%)



- Cyan (74%)
- Magenta (54%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.4889, 14.4206, 6.2863 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 9.4889, 14.4206, 6.2863 by changing the saturation by 10% instead.

■ 9.4889, 14.4206,
6.2863

■ 9.4889, 14.4206,
6.2863

181.1153,
219.8319, 170.9936

■ 5.1211, 8.4138,
2.9483

■ 24.4881, 33.8335,
19.0101

■ 2.3540, 4.3608,
1.0683

■ 35.8502, 48.0083,
29.2331

■ 0.8221, 1.8774,
0.0000

■ 50.2745, 65.6746,
42.5882

■ 0.0000, 0.5347,
0.0000

■ 68.1262, 87.2168,
59.4938

■ 0.0000, 0.0000,
0.0000

■ 89.7708, 113.0192,
80.3687

■ 115.5736,

143.4663, 105.6312

145.9000,
178.9424, 135.7000

■ 9.4889, 14.4206,
6.2863

■ 9.4889, 14.4206,
6.2863

■ 8.5941, 13.9905,
4.8531

■ 10.5765, 14.9430,
8.0884

■ 7.8796, 13.6456,
3.7624

■ 11.8663, 15.5607,
10.2816

■ 7.3334, 13.3806,
2.9860

■ 13.3683, 16.2788,
12.8871

■ 6.9411, 13.1890,
2.4905

■ 15.0914, 17.1017,
15.9248

■ 6.6878, 13.0653,
2.1694

■ 17.0442, 18.0332,
19.4129

■ 19.2347, 19.0772,
23.3688

■ 21.6705, 20.2371,
27.8088

■ 24.3591, 21.5166,
32.7486

■ 27.3073, 22.9188,
38.2030

Harmonies

Analogous

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



11.8515, 14.4206, 3.8899



9.4889, 14.4206, 6.2863



8.3433, 14.4206, 12.0862

Triad

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



9.4889, 14.4206, 6.2863



12.3778, 14.4206, 41.3777



20.7793, 14.4206, 10.7629

Complementary

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



9.4889, 14.4206, 6.2863



11.2142, 7.6496, 18.0258

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.



20.9820, 14.4206, 19.9744



9.4889, 14.4206, 6.2863



15.7453, 14.4206, 40.5465

Square

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



9.4889, 14.4206, 6.2863



9.8201, 14.4206, 33.5819



19.0183, 14.4206, 31.6319



18.5025, 14.4206, 5.6576

Rectangle

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



9.4889, 14.4206, 6.2863



8.2776, 14.4206, 18.2754



19.0183, 14.4206, 31.6319



21.1041, 14.4206, 13.3816

Sweetspot

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



9.4893, 14.4212, 6.2866



25.1140, 29.3910, 25.4861



13.8115, 15.3096, 6.2303



5.6600, 6.7030, 5.6586



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



9.4893, 14.4212, 6.2866



14.8790, 24.4872, 8.1717



9.6718, 14.4363, 9.8665



3.6819, 4.1195, 3.9434



7.2279, 14.1305, 2.3465



34.7918, 68.6376, 11.4147

Inverse Universe

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



11.2142, 7.6496, 18.0258



18.2580, 11.1212, 31.3213



11.0961, 7.7226, 11.9726



3.7810, 3.7344, 4.6118



9.4914, 4.4843, 18.9079



45.7322, 21.5843, 92.1161

Previews

White Background



This preview shows how the XYZ color 9.4889, 14.4206, 6.2863 looks on a white background.

Color Contrast Check

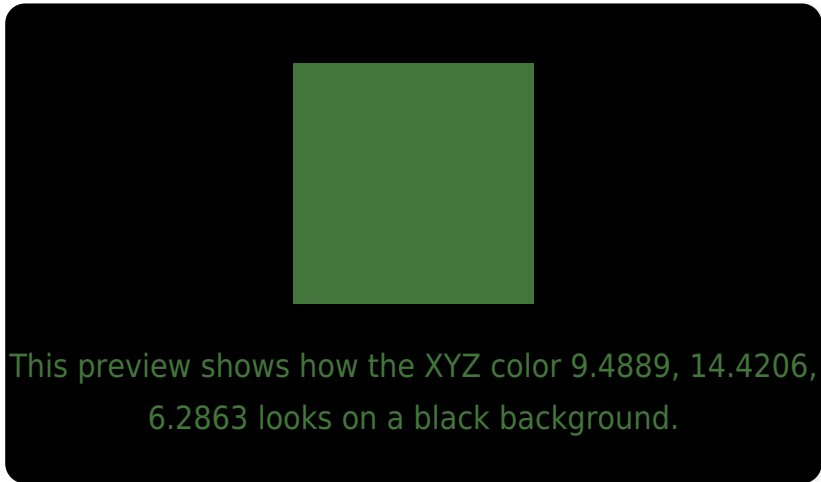
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

XYZ 9.4889, 14.4206, 6.2863

Background



This preview shows how black text looks on a background with the XYZ color 9.4889, 14.4206, 6.2863.



This preview shows how white text looks on a background with the XYZ color 9.4889, 14.4206,

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

9.4889, 14.4206, 6.2863

Protanopia

13.1560, 14.3563, 5.5677

Deuteranopia

14.4253, 14.2444, 6.5466



Tritanopia

12.2165, 14.3446, 19.8942

Trichromacy



Original Color

9.4889, 14.4206, 6.2863

Protanomaly

11.3025, 14.0244, 5.7257

Deuteranomaly

11.9257, 13.8556, 6.4607

Tritanomaly

10.9990, 14.3535, 13.5001

Monochromacy



Original Color

9.4889, 14.4206, 6.2863

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

10.2196, 12.4411, 9.8454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.4889, 14.4206, 6.2863 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(66, 118, 58)` looks like.

```
.text, #text, p{  
    color:rgb(66, 118, 58)  
}
```

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(66, 118, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 118, 58) }
```

Border

The CSS property to change the border of an element to XYZ 9.4889, 14.4206, 6.2863 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(66, 118, 58) }
```


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

```
.border{ border-color:rgb(66, 118, 58) }
```

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

Here you see how a box with a 4 pixel rgb(66, 118, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 118, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 118, 58);  
box-shadow:4px 4px 4px 4px rgb(66, 118,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 9.4889, 14.4206, 6.2863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 118, 58) }
```

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

```
.background{ background-color: rgb(66, 118,  
58) }
```

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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