

Converting Colors

XYZ(9.5262, 13.0494, 8.3200)

Have a look what the booklet for
XYZ(9.5262, 13.0494, 8.3200)
contains.

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Color

**XYZ(9.5262, 13.0494,
8.3200)**

Conversions

Conversions Part 1

Format	Color
Hex	496E49
RGB	73, 110, 73
RGB Percent	29%, 43%, 29%
CMY	0.7137, 0.5686, 0.7137
CMYK	0.34, 0.00, 0.34, 0.57
HSL	120°, 20%, 36%
HSV	120°, 34%, 43%
XYZ	9.5262, 13.0494, 8.3200
YIQ	94.7190, -10.1750, -19.3510

Conversions

Conversions Part 2

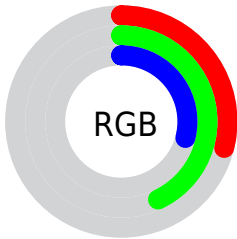
Format	Color
RYB	73, 110, 110
Decimal	4812361
CIELab	42.84, -21.36, 16.57
CIELCh	43, 27.033, 142.184
Yxy	13.0494, 0.3083, 0.4224
Android (android.graphics.Color)	4283002441 (0xFF496E49)
YUV	94.7190, -10.7075, -19.0476
Hunter-Lab	36.1240, -16.1449, 11.6312

Details

The XYZ color **9.5262, 13.0494, 8.3200** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **11.6279, 9.2062, 15.9166**, and the grayscale version is **10.8369, 11.4012, 12.4159**.

A 20% lighter version of the original color is **24.6016, 31.4568, 23.1875**, and **2.3704, 3.7536, 1.7620** is the 20% darker color. If you saturate the color by 10%, you get **8.4324, 12.5244, 6.5306**, and if you desaturate by 10%, it is **10.8327, 13.6774, 10.4568**.

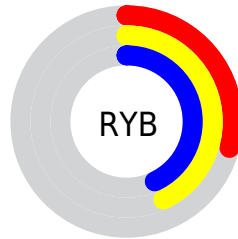
Distribution



Red (29%)

Green (43%)

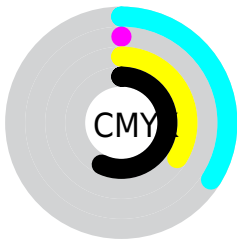
Blue (29%)



Red (29%)

Yellow (43%)

Blue (43%)

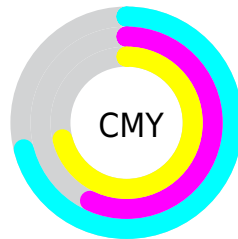


Cyan (34%)

Magenta (0%)

Yellow (34%)

Black (57%)



Cyan (71%)

Magenta (57%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.5262, 13.0494, 8.3200 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 9.5262, 13.0494, 8.3200 by changing the saturation by 10% instead.

■ 9.5262, 13.0494,
8.3200

■ 9.5262, 13.0494,
8.3200

181.3815,
211.2340, 188.2482

■ 5.1458, 7.4626,
4.2097

■ 24.5583, 31.3925,
23.1399

■ 2.3687, 3.7530,
1.7411

■ 35.9407, 44.9176,
34.6865

■ 0.8295, 1.5364,
0.3887

■ 50.3878, 61.8575,
49.5490

■ 0.0000, 0.3141,
0.0000

■ 68.2650, 82.5967,
68.1459

■ 0.0000, 0.0000,
0.0000

■ 89.9376, 107.5196,
90.8957

115.7709,

137.0105, 118.2170

146.1305,
171.4538, 150.5283

■ 9.5262, 13.0494,
8.3200

■ 9.5262, 13.0494,
8.3200

■ 8.4324, 12.5244,
6.5306

■ 10.8327, 13.6774,
10.4568

■ 7.5390, 12.0952,
5.0693

■ 12.3613, 14.4116,
12.9570

■ 6.8343, 11.7567,
3.9166

■ 14.1218, 15.2573,
15.8367

■ 6.3047, 11.5023,
3.0503

■ 16.1235, 16.2188,
19.1109

■ 5.9348, 11.3247,
2.4454

■ 18.3750, 17.3003,
22.7935

■ 5.7022, 11.2129,
2.0648

■ 20.8844, 18.5057,
26.8981

■ 5.5762, 11.1524,
1.8588

■ 23.6595, 19.8387,
31.4373

■ 26.7079, 21.3030,
36.4235

■ 30.0367, 22.9020,
41.8684

Harmonies

Analogous

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



10.9649, 13.0494, 6.0723



9.5262, 13.0494, 8.3200



8.8740, 13.0494, 12.7192

Triad

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



9.5262, 13.0494, 8.3200



11.8715, 13.0494, 28.6947



16.4502, 13.0494, 10.3366

Complementary

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



9.5262, 13.0494, 8.3200



11.6279, 9.2062, 15.9166

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.



16.7621, 13.0494, 15.8099



9.5262, 13.0494, 8.3200



13.9618, 13.0494, 27.5357

Square

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



9.5262, 13.0494, 8.3200



10.1267, 13.0494, 25.2038



15.8076, 13.0494, 22.3730



14.9973, 13.0494, 6.9916

Rectangle

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



9.5262, 13.0494, 8.3200



8.9161, 13.0494, 16.7434



15.8076, 13.0494, 22.3730



16.6980, 13.0494, 11.9435

Sweetspot

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



9.5265, 13.0500, 8.3203



22.7036, 25.7868, 24.3828



13.2095, 14.9486, 8.4926



5.2105, 5.9658, 5.5549



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



9.5265, 13.0500, 8.3203



15.2677, 22.2149, 12.2200



10.2340, 13.3329, 12.0455



3.3451, 3.7632, 3.6234



6.6984, 13.3969, 2.2328



33.3679, 66.7358, 11.1227

Inverse Universe

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



11.6279, 9.2062, 15.9166



19.5381, 14.4035, 27.6574



10.7234, 8.8443, 11.1533



3.5144, 3.4535, 4.2356



11.1059, 5.3348, 18.1656



55.3236, 26.5748, 90.4910

Previews

White Background



This preview shows how the XYZ color 9.5262, 13.0494, 8.3200 looks on a white background.

Color Contrast Check

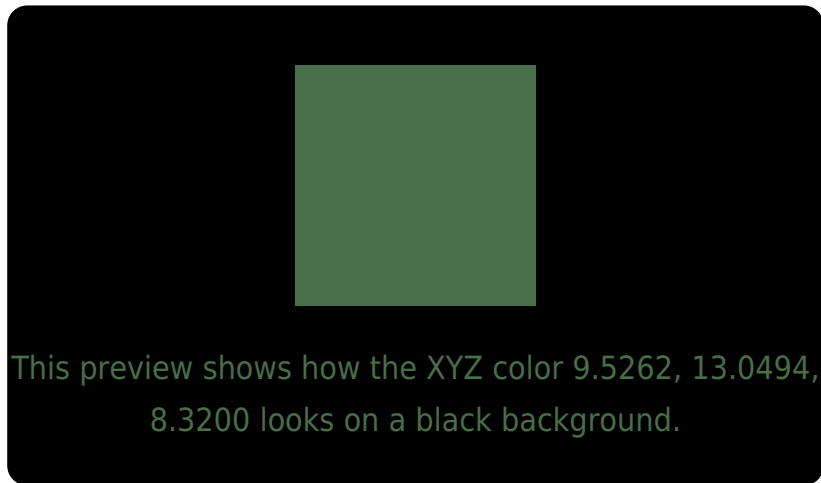
Large Text (above 18pt) WCAG AA ✓ Pass

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 9.5262, 13.0494, 8.3200

Background



This preview shows how black text looks on a background with the XYZ color 9.5262, 13.0494, 8.3200.



This preview shows how white text looks on a background with the XYZ color 9.5262, 13.0494,

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

9.5262, 13.0494, 8.3200

Protanopia

12.0345, 12.9882, 7.5029

Deuteranopia

13.1869, 12.9931, 8.6504



Tritanopia

11.4256, 13.0447, 17.5385

Trichromacy



Original Color

9.5262, 13.0494, 8.3200

Protanomaly

10.8797, 12.8296, 7.6973

Deuteranomaly

11.5009, 12.8355, 8.5280

Tritanomaly

10.6042, 13.0169, 13.5089

Monochromacy



Original Color

9.5262, 13.0494, 8.3200

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

10.2080, 11.8287, 10.7620

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.5262, 13.0494, 8.3200 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(73, 110, 73)` looks like.

```
.text, #text, p{  
    color:rgb(73, 110, 73)  
}
```

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(73, 110, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 110, 73) }
```

Border

The CSS property to change the border of an element to XYZ 9.5262, 13.0494, 8.3200 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(73, 110, 73) }
```


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

```
.border{ border-color:rgb(73, 110, 73) }
```

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

Here you see how a box with a 4 pixel rgb(73, 110, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 110, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 110, 73);  
box-shadow:4px 4px 4px 4px rgb(73, 110,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 9.5262, 13.0494, 8.3200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 110, 73) }
```

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

```
.background{ background-color: rgb(73, 110,  
73) }
```

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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