

Converting Colors

XYZ(9.4964, 13.5819, 5.7355)

Have a look what the booklet for
XYZ(9.4964, 13.5819, 5.7355)
contains.

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Color

**XYZ(9.4964, 13.5819,
5.7355)**

Conversions

Conversions Part 1

Format	Color
Hex	4B7137
RGB	75, 113, 55
RGB Percent	29%, 44%, 22%
CMY	0.7059, 0.5569, 0.7843
CMYK	0.34, 0.00, 0.51, 0.56
HSL	99°, 35%, 33%
HSV	99°, 51%, 44%
XYZ	9.4964, 13.5819, 5.7355
YIQ	95.0260, -4.0300, -26.0940

Conversions

Conversions Part 2

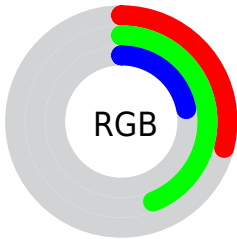
Format	Color
RYB	55, 113, 93
Decimal	4944183
CIELab	43.63, -25.00, 27.83
CIElCh	44, 37.414, 131.933
Yxy	13.5819, 0.3296, 0.4714
Android (android.graphics.Color)	4283134263 (0xFF4B7137)
YUV	95.0260, -19.7328, -17.5628
Hunter-Lab	36.8536, -18.4982, 16.5703

Details

The XYZ color **9.4964, 13.5819, 5.7355** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **8.8615, 6.2521, 16.3631**, and the grayscale version is **10.9303, 11.4995, 12.5229**.

A 20% lighter version of the original color is **24.5075, 32.3252, 17.7797**, and **2.3656, 4.0199, 0.9097** is the 20% darker color. If you saturate the color by 10%, you get **8.7103, 13.2049, 4.4433**, and if you desaturate by 10%, it is **10.4127, 14.0197, 7.3583**.

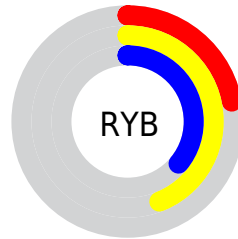
Distribution



Red (29%)

Green (44%)

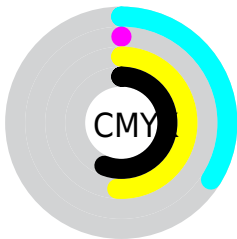
Blue (22%)



Red (22%)

Yellow (44%)

Blue (36%)

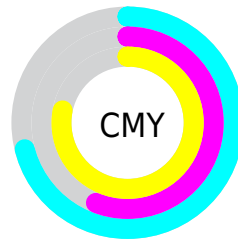


Cyan (34%)

Magenta (0%)

Yellow (51%)

Black (56%)



Cyan (71%)


Magenta (56%)


Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 9.4964, 13.5819, 5.7355 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 9.4964, 13.5819, 5.7355 by changing the saturation by 10% instead.


 9.4964, 13.5819,
5.7355


 9.4964, 13.5819,
5.7355


181.1688,
214.6141, 165.9100


 5.1260, 7.8305,
2.6187


 24.5022, 32.3453,
17.8475


 2.3569, 3.9866,
0.9021

 35.8684, 46.1261,
27.6798


 0.8236, 1.6661,
0.0000

 50.2973, 63.3520,
40.5877

 0.0000, 0.4016,
0.0000

 68.1541, 84.4076,
56.9897

 0.0000, 0.0000,
0.0000

 89.8044, 109.6772,
77.3044

 115.6133,

139.5452, 101.9504

145.9464,
174.3961, 131.3461

■ 9.4964, 13.5819,
5.7355

■ 9.4964, 13.5819,
5.7355

■ 8.7103, 13.2049,
4.4433

■ 10.4127, 14.0197,
7.3583

■ 8.0468, 12.8839,
3.4580

■ 11.4641, 14.5192,
9.3314

■ 7.4988, 12.6165,
2.7544

■ 12.6569, 15.0834,
11.6740

■ 7.0583, 12.3989,
2.3027

■ 13.9961, 15.7148,
14.4037

■ 6.7407, 12.2414,
2.0076

■ 15.4870, 16.4156,
17.5368

■ 17.1342, 17.1878,
21.0888

■ 18.9423, 18.0336,
25.0745

■ 20.9158, 18.9549,
29.5077

■ 23.0586, 19.9535,
34.4019

Harmonies

Analogous

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



11.7783, 13.5819, 3.9486



9.4964, 13.5819, 5.7355



8.2571, 13.5819, 10.3249

Triad

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



9.4964, 13.5819, 5.7355



11.2385, 13.5819, 36.0613



19.2479, 13.5819, 11.6949

Complementary

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



9.4964, 13.5819, 5.7355



8.8615, 6.2521, 16.3631

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.



19.0448, 13.5819, 20.3822



9.4964, 13.5819, 5.7355



14.1103, 13.5819, 36.8776

Square

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



9.4964, 13.5819, 5.7355



9.1530, 13.5819, 28.4146



17.0550, 13.5819, 30.3451



17.5738, 13.5819, 6.4101

Rectangle

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



9.4964, 13.5819, 5.7355



8.0547, 13.5819, 15.3396



17.0550, 13.5819, 30.3451



19.4031, 13.5819, 14.2505

Sweetspot

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



9.4967, 13.5825, 5.7358



24.0523, 27.6637, 23.7143



11.3882, 11.5632, 5.2463



5.4732, 6.3556, 5.3023



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



9.4967, 13.5825, 5.7358



15.3005, 23.5019, 7.4972



8.3980, 12.9898, 6.8708



3.4435, 3.8140, 3.6280



7.6260, 13.8750, 2.2762



37.1406, 68.6807, 11.2992

Inverse Universe

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



8.8615, 6.2521, 16.3631



14.0013, 8.7152, 28.9197



10.6907, 7.2490, 14.0130



3.4081, 3.3987, 4.2306



6.5661, 2.9944, 17.9535



31.7551, 14.4247, 89.3897

Previews

White Background



This preview shows how the XYZ color 9.4964, 13.5819, 5.7355 looks on a white background.

Color Contrast Check

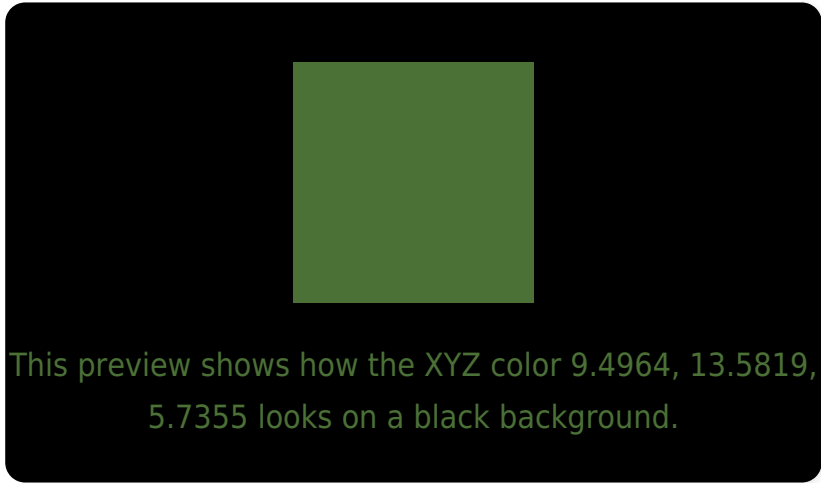
Large Text (above 18pt) WCAG AA ✓ Pass

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 9.4964, 13.5819, 5.7355

Background



This preview shows how black text looks on a background with the XYZ color 9.4964, 13.5819, 5.7355.



This preview shows how white text looks on a background with the XYZ color 9.4964, 13.5819,

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

9.4964, 13.5819, 5.7355

Protanopia

12.4095, 13.5258, 5.2055

Deuteranopia

13.6145, 13.4111, 6.0087



Tritanopia

11.9949, 13.4772, 18.1888

Trichromacy



Original Color

9.4964, 13.5819, 5.7355

Protanomaly

11.1558, 13.4818, 5.3824

Deuteranomaly

11.6774, 13.1318, 5.9222

Tritanomaly

10.8378, 13.4769, 12.3860

Monochromacy



Original Color

9.4964, 13.5819, 5.7355

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

10.2238, 12.1566, 9.3970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.4964, 13.5819, 5.7355 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(75, 113, 55)` looks like.

```
.text, #text, p{  
    color:rgb(75, 113, 55)  
}
```

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(75, 113, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 113, 55) }
```

Border

The CSS property to change the border of an element to XYZ 9.4964, 13.5819, 5.7355 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(75, 113, 55) }
```


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

```
.border{ border-color:rgb(75, 113, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 113, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 113, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 113, 55);  
box-shadow:4px 4px 4px 4px rgb(75, 113,  
55) }
```

Background

The CSS property to change the background color of an element to XYZ 9.4964, 13.5819, 5.7355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 113, 55) }
```

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

```
.background{ background-color: rgb(75, 113,  
55) }
```

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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