

Converting Colors

XYZ(9.7591, 13.1091, 14.5889)

Have a look what the booklet for
XYZ(9.7591, 13.1091, 14.5889)
contains.

XYZ(9.7191, 13.0107, 14.5694)	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(9.7191, 13.0107,
14.5694)**

Conversions

Conversions Part 1

Format	Color
Hex	3A6E66
RGB	58, 110, 102
RGB Percent	23%, 43%, 40%
CMY	0.7725, 0.5686, 0.6000
CMYK	0.47, 0.00, 0.07, 0.57
HSL	171°, 31%, 33%
HSV	171°, 47%, 43%
XYZ	9.7191, 13.0107, 14.5694
YIQ	93.5400, -28.4240, -13.5120

Conversions

Conversions Part 2

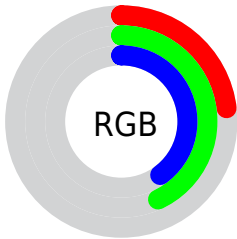
Format	Color
RYB	58, 86, 110
Decimal	3829350
CIELab	42.78, -19.55, -0.95
CIElCh	43, 19.571, 182.788
Yxy	13.0107, 0.2606, 0.3488
Android (android.graphics.Color)	4282019430 (0xFF3A6E66)
YUV	93.5400, 4.1708, -31.1686
Hunter-Lab	36.0703, -15.0266, 1.3010

Details

The XYZ color **9.7191, 13.0107, 14.5694** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8.9273, 6.7348, 5.9841**, and the grayscale version is **10.5265, 11.0747, 12.0603**.

A 20% lighter version of the original color is **24.9768, 31.3918, 34.8798**, and **2.4372, 3.7340, 4.2067** is the 20% darker color. If you saturate the color by 10%, you get **9.0637, 12.6828, 14.1052**, and if you desaturate by 10%, it is **10.5137, 13.4108, 15.0496**.

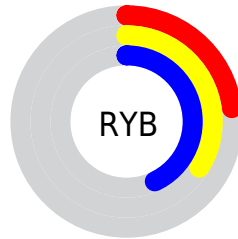
Distribution



 Red (23%)

 Green (43%)

 Blue (40%)




 Red (23%)

 Yellow (34%)

 Blue (43%)

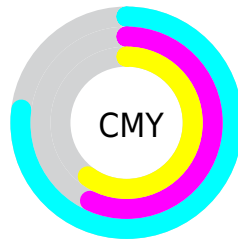


 Cyan (47%)


 Magenta (0%)

 Yellow (7%)

 Black (57%)



 Cyan (77%)

 Magenta (57%)

 Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.7191, 13.0107, 14.5694 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 9.7191, 13.0107, 14.5694 by changing the saturation by 10% instead.

■ 9.7191, 13.0107,
14.5694

■ 9.7191, 13.0107,
14.5694

182.7512,
210.9862, 232.2952

■ 5.2739, 7.4359,
8.3745

■ 24.9203, 31.3230,
34.8275

■ 2.4453, 3.7362,
4.2443

■ 36.4071, 44.8293,
49.7279

■ 0.8677, 1.5271,
1.7603

■ 50.9717, 61.7483,
68.3670

■ 0.0000, 0.3077,
0.4016

■ 68.9797, 82.4642,
91.1637

■ 0.0000, 0.0000,
0.0000

■ 90.7962, 107.3616,
118.5363

■ 116.7867,

136.8248, 150.9033

147.3166,
171.2382, 188.6835

■ 9.7191, 13.0107,
14.5694

■ 9.7191, 13.0107,
14.5694

■ 9.0637, 12.6828,
14.1052

■ 10.5137, 13.4108,
15.0496

■ 8.5375, 12.4209,
13.6557

■ 11.4543, 13.8857,
15.5453

■ 8.1312, 12.2206,
13.2207

■ 12.5487, 14.4398,
16.0574

■ 7.8333, 12.0761,
12.7995

■ 13.8039, 15.0764,
16.5860

■ 7.6134, 11.9715,
12.3907

■ 15.2263, 15.7991,
17.1316

■ 7.5553, 11.9440,
12.2808

■ 16.8221, 16.6109,
17.6945

■ 18.5970, 17.5149,
18.2751

■ 20.5566, 18.5139,
18.8736

■ 22.7061, 19.6106,
19.4904

Harmonies

Analogous

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



9.9888, 13.0107, 10.7351



9.7191, 13.0107, 14.5694



10.1102, 13.0107, 19.0919

Triad

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



9.7191, 13.0107, 14.5694



13.9840, 13.0107, 22.2469



13.7236, 13.0107, 8.0493

Complementary

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



9.7191, 13.0107, 14.5694



8.9273, 6.7348, 5.9841

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.



14.9353, 13.0107, 10.1705



9.7191, 13.0107, 14.5694



15.0939, 13.0107, 18.2607

Square

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



9.7191, 13.0107, 14.5694



12.5062, 13.0107, 24.0468



15.4551, 13.0107, 13.7710



12.2274, 13.0107, 7.4484

Rectangle

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



9.7191, 13.0107, 14.5694



10.7129, 13.0107, 21.7595



15.4551, 13.0107, 13.7710



14.1816, 13.0107, 8.5839

Sweetspot

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



9.7195, 13.0112, 14.5697



22.6467, 25.6670, 28.4649



8.6320, 12.6394, 5.9879



5.1887, 5.9317, 6.5887



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.



9.7195, 13.0112, 14.5697



15.7897, 22.2090, 24.6708



8.4449, 9.7961, 16.1982



3.4540, 3.8068, 4.1970



9.0675, 14.3445, 14.7080



44.9125, 71.3536, 71.9156

Inverse Universe

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



8.9273, 6.7348, 5.9841



14.2171, 9.6960, 7.5881



9.7333, 8.6984, 5.1692



3.4035, 3.4091, 3.6516



7.8378, 4.0275, 0.9557



38.8321, 19.9782, 3.6483

Previews

White Background



This preview shows how the XYZ color 9.7191, 13.0107, 14.5694 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



This preview shows how the XYZ color 9.7191, 13.0107, 14.5694 looks on a 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 9.7191, 13.0107, 14.5694

Background



This preview shows how black text looks on a background with the XYZ color 9.7191, 13.0107, 14.5694.



This preview shows how white text looks on a background with the XYZ color 9.7191, 13.0107,

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

9.7191, 13.0107, 14.5694

Protanopia

12.2620, 12.8424, 12.8989

Deuteranopia

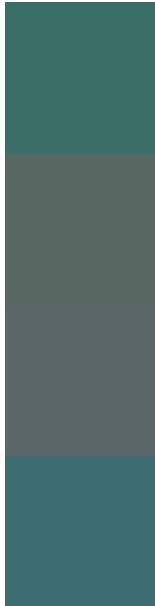
13.1018, 12.9434, 15.1724



Tritanopia

10.5601, 13.0336, 18.7888

Trichromacy



Original Color

9.7191, 13.0107, 14.5694

Protanomaly

11.0854, 12.8087, 13.4433

Deuteranomaly

11.4665, 12.6759, 14.9390

Tritanomaly

10.3177, 13.0992, 17.3138

Monochromacy



Original Color

9.7191, 13.0107, 14.5694

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.1082, 11.7267, 13.0400

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.7191, 13.0107, 14.5694 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(58, 110, 102)` looks like.

```
.text, #text, p{  
    color:rgb(58, 110, 102)  
}
```

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(58, 110, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 110, 102) }
```

Border

The CSS property to change the border of an element to XYZ 9.7191, 13.0107, 14.5694 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(58, 110, 102) }
```


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

```
.border{ border-color:rgb(58, 110, 102) }
```

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

Here you see how a box with a 4 pixel rgb(58, 110, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 110, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 110, 102);  
box-shadow:4px 4px 4px 4px rgb(58, 110,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 9.7191, 13.0107, 14.5694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 110, 102) }
```

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

```
.background{ background-color: rgb(58, 110,  
102) }
```

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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