

Converting Colors

XYZ(14.2763, 21.3968, 17.1321)

Have a look what the booklet for
XYZ(14.2763, 21.3968, 17.1321)
contains.

XYZ(14.2611, 21.4107, 17.0167)	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(14.2611, 21.4107,
17.0167)**

Conversions

Conversions Part 1

Format	Color
Hex	3E8E6A
RGB	62, 142, 106
RGB Percent	24%, 56%, 42%
CMY	0.7569, 0.4431, 0.5843
CMYK	0.56, 0.00, 0.25, 0.44
HSL	153°, 39%, 40%
HSV	153°, 56%, 56%
XYZ	14.2611, 21.4107, 17.0167
YIQ	113.9760, -36.1240, -28.1560

Conversions

Conversions Part 2

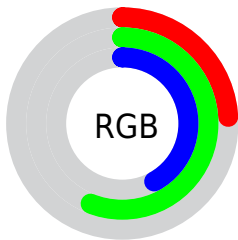
Format	Color
RYB	62, 114, 142
Decimal	4099690
CIELab	53.40, -33.43, 11.92
CIElCh	53, 35.492, 160.378
Yxy	21.4107, 0.2707, 0.4064
Android (android.graphics.Color)	4282289770 (0xFF3E8E6A)
YUV	113.9760, -3.9322, -45.5830
Hunter-Lab	46.2717, -25.9611, 10.5859

Details

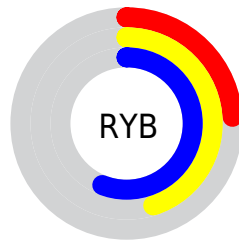
The XYZ color **14.2611, 21.4107, 17.0167** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **15.0832, 10.0784, 12.7064**, and the grayscale version is **16.0066, 16.8402, 18.3390**.

A 20% lighter version of the original color is **33.0282, 45.6272, 38.9644**, and **4.5305, 7.7979, 5.4040** is the 20% darker color. If you saturate the color by 10%, you get **13.1644, 20.8829, 15.2951**, and if you desaturate by 10%, it is **15.6164, 22.0701, 18.8807**.

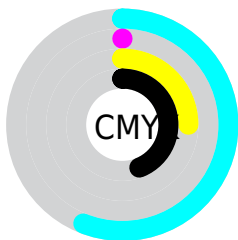
Distribution



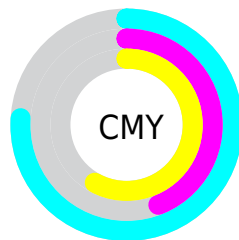
- Red (24%)
- Green (56%)
- Blue (42%)



- Red (24%)
- Yellow (45%)
- Blue (56%)



- Cyan (56%)
- Magenta (0%)
- Yellow (25%)
- Black (44%)



- Cyan (76%)
- Magenta (44%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2611, 21.4107, 17.0167 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 14.2611, 21.4107, 17.0167 by changing the saturation by 10% instead.

■ 14.2611, 21.4107,
17.0167

■ 14.2611, 21.4107,
17.0167

212.3274,
259.4532, 247.3158

■ 8.3854, 13.4245,
10.0843

■ 33.1340, 45.7701,
39.1455

■ 4.3964, 7.7215,
5.3486

■ 46.8619, 62.9120,
55.1791

■ 1.9287, 3.9173,
2.3909

■ 63.9380, 83.8748,
75.0834

■ 0.5935, 1.6274,
0.7815

■ 84.7275, 109.0426,
99.2770

■ 0.0000, 0.3760,
0.0000

■ 109.5958,
138.8000, 128.1786

■ 0.0000, 0.0000,
0.0000

138.9084,

173.5313, 162.2065

173.0304,
213.6209, 201.7794

■ 14.2611, 21.4107,
17.0167

■ 14.2611, 21.4107,
17.0167

■ 13.1644, 20.8829,
15.2951

■ 15.6164, 22.0701,
18.8807

■ 12.3056, 20.4743,
13.7106

■ 17.2457, 22.8673,
20.8890

■ 11.6632, 20.1746,
12.2599

■ 19.1652, 23.8111,
23.0456

■ 11.2028, 19.9660,
10.9383

■ 21.3890, 24.9087,
25.3537

■ 11.0521, 19.8982,
10.4847

■ 23.9307, 26.1671,
27.8163

■ 26.8028, 27.5927,
30.4365

■ 30.0170, 29.1915,
33.2171

■ 33.5848, 30.9693,
36.1611

■ 37.5167, 32.9315,
39.2712

Harmonies

Analogous

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



16.0089, 21.4107, 10.8107



14.2611, 21.4107, 17.0167



14.0240, 21.4107, 27.2531

Triad

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



14.2611, 21.4107, 17.0167



21.6833, 21.4107, 50.2531



26.3824, 21.4107, 12.2899

Complementary

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



14.2611, 21.4107, 17.0167



15.0832, 10.0784, 12.7064

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.



28.3397, 21.4107, 19.7715



14.2611, 21.4107, 17.0167



25.4131, 21.4107, 42.9572

Square

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



14.2611, 21.4107, 17.0167



18.0132, 21.4107, 48.8228



27.9646, 21.4107, 30.9965



22.8811, 21.4107, 8.7227

Rectangle

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



14.2611, 21.4107, 17.0167



14.7187, 21.4107, 35.4566



27.9646, 21.4107, 30.9965



27.2612, 21.4107, 14.3163

Sweetspot

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



14.2617, 21.4116, 17.0172



37.2927, 43.7134, 44.2815



15.7252, 22.3661, 8.0460



8.1731, 9.6863, 9.7318



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



14.2617, 21.4116, 17.0172



22.7045, 36.5805, 26.0855



16.1507, 21.5399, 28.8985



5.4592, 6.0759, 6.3838



9.9321, 17.8687, 9.4627



0.1061, 0.1753, 0.1491

Inverse Universe

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



15.0832, 10.0784, 12.7064



24.3135, 14.4798, 17.7135



13.8966, 9.8415, 5.7249



5.5034, 5.4619, 6.1491



10.8533, 5.4983, 4.8786



0.1146, 0.0569, 0.1038

Previews

White Background



This preview shows how the XYZ color 14.2611, 21.4107, 17.0167 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 14.2611, 21.4107, 17.0167 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 14.2611, 21.4107, 17.0167

Background



This preview shows how black text looks on a background with the XYZ color 14.2611, 21.4107, 17.0167.

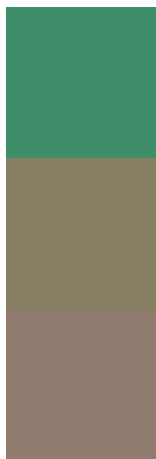


This preview shows how white text looks on a background with the XYZ color 14.2611, 21.4107,

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

14.2611, 21.4107, 17.0167

Protanopia

19.8332, 21.2305, 14.8570

Deuteranopia

21.4511, 21.0646, 17.6871



Tritanopia

17.1926, 21.5253, 31.2656

Trichromacy



Original Color

14.2611, 21.4107, 17.0167

Protanomaly

16.8339, 20.6500, 15.6690

Deuteranomaly

17.6808, 20.4495, 17.4833

Tritanomaly

15.9920, 21.4608, 25.4898

Monochromacy



Original Color

14.2611, 21.4107, 17.0167

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

14.7962, 17.9959, 17.7326

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2611, 21.4107, 17.0167 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(62, 142, 106)` looks like.

```
.text, #text, p{  
    color:rgb(62, 142, 106)  
}
```

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(62, 142, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 142, 106) }
```

Border

The CSS property to change the border of an element to XYZ 14.2611, 21.4107, 17.0167 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(62, 142, 106) }
```


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

```
.border{ border-color:rgb(62, 142, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 142, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 142, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 142, 106);  
box-shadow:4px 4px 4px 4px rgb(62, 142,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2611, 21.4107, 17.0167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 142, 106) }
```

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

```
.background{ background-color: rgb(62, 142,  
106) }
```

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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