

Converting Colors

XYZ(14.6232, 21.1416, 3.7411)

Have a look what the booklet for
XYZ(14.6232, 21.1416, 3.7411)
contains.

XYZ(14.6787, 21.2636, 3.7461)	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(14.6787, 21.2636,
3.7461)**

Conversions

Conversions Part 1

Format	Color
Hex	658B0E
RGB	101, 139, 14
RGB Percent	40%, 55%, 5%
CMY	0.6039, 0.4549, 0.9451
CMYK	0.27, 0.00, 0.90, 0.45
HSL	78°, 82%, 30%
HSV	78°, 90%, 55%
XYZ	14.6787, 21.2636, 3.7461
YIQ	113.3880, 17.4770, -46.9310

Conversions

Conversions Part 2

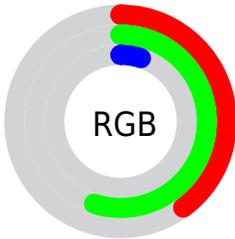
Format	Color
R_{YB}	14, 139, 52
Decimal	6654734
CIE _{Lab}	53.24, -30.18, 54.33
CIE _{LCh}	53, 62.144, 119.051
Yxy	21.2636, 0.3698, 0.5358
Android (android.graphics.Color)	4284844814 (0xFF658B0E)
YUV	113.3880, -48.9983, -10.8643
Hunter-Lab	46.1125, -23.8760, 27.4621

Details

The XYZ color **14.6787, 21.2636, 3.7461** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **6.2343, 2.9088, 24.6602**, and the grayscale version is **15.9499, 16.7805, 18.2740**.

A 20% lighter version of the original color is **34.0163, 45.7023, 13.5071**, and **4.7913, 7.7731, 1.2478** is the 20% darker color. If you saturate the color by 10%, you get **14.1393, 20.9953, 3.3104**, and if you desaturate by 10%, it is **15.2939, 21.5665, 4.4496**.

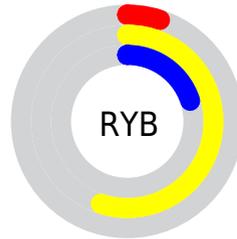
Distribution



Red (40%)

Green (55%)

Blue (5%)



Red (5%)

Yellow (55%)

Blue (20%)

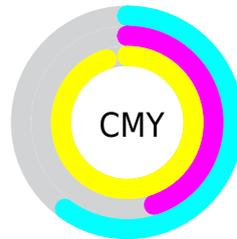


Cyan (27%)

Magenta (0%)

Yellow (90%)

Black (45%)



Cyan (60%)

Magenta (45%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6787, 21.2636, 3.7461 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 14.6787, 21.2636, 3.7461 by changing the saturation by 10% instead.

■ 14.6787, 21.2636,
3.7461

■ 14.6787, 21.2636,
3.7461

214.8403,
258.6761, 145.3600

■ 8.6790, 13.3168,
1.4871

■ 33.8648, 45.5258,
13.4198

■ 4.5879, 7.6471,
0.2083

■ 47.7820, 62.6101,
21.6716

■ 2.0398, 3.8700,
0.0000

■ 65.0691, 83.5089,
32.7582

■ 0.6562, 1.6011,
0.0000

■ 86.0914, 108.6068,
47.0979

■ 0.0000, 0.3583,
0.0000

■ 111.2144,
138.2880, 65.1094

■ 0.0000, 0.0000,
0.0000

■ 140.8032,

172.9370, 87.2113

■ 175.2234,
212.9383, 113.8219

■ 14.6787, 21.2636,
3.7461

■ 14.6787, 21.2636,
3.7461

■ 14.1393, 20.9953,
3.3104

■ 15.2939, 21.5665,
4.4496

■ 14.1352, 20.9933,
3.3071

■ 16.0100, 21.9119,
5.5582

■ 16.8375, 22.3047,
7.1220

■ 17.7845, 22.7483,
9.1835

■ 18.8588, 23.2457,
11.7801

■ 20.0669, 23.7997,
14.9460

■ 21.4151, 24.4128,
18.7122

■ 22.9093, 25.0873,
23.1076

■ 24.5548, 25.8255,
28.1593

Harmonies

Analogous

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



20.4203, 21.2636, 2.5523



14.6787, 21.2636, 3.7461



11.2011, 21.2636, 9.0912

Triad

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



14.6787, 21.2636, 3.7461



14.3880, 21.2636, 70.0680



35.6448, 21.2636, 23.7565

Complementary

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



14.6787, 21.2636, 3.7461



6.2343, 2.9088, 24.6602

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.



33.0871, 21.2636, 47.1704



14.6787, 21.2636, 3.7461



20.0020, 21.2636, 81.3889

Square

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



14.6787, 21.2636, 3.7461



11.0606, 21.2636, 45.5228



26.9819, 21.2636, 71.3285



33.3784, 21.2636, 9.6589

Rectangle

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



14.6787, 21.2636, 3.7461



10.1763, 21.2636, 16.9414



26.9819, 21.2636, 71.3285



35.3129, 21.2636, 30.7217

Sweetspot

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



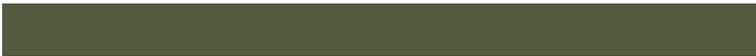
14.6792, 21.2645, 3.7466



36.4755, 42.8659, 28.2411



11.9334, 7.9331, 1.3181



8.2467, 9.8052, 6.0766



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.



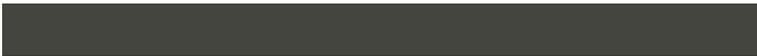
14.6792, 21.2645, 3.7466



25.1388, 37.5040, 5.9140



10.1494, 18.9293, 3.5346



5.2855, 5.7699, 5.3875



12.7750, 18.9557, 2.9855



0.0998, 0.1336, 0.0205

Inverse Universe

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



6.2343, 2.9088, 24.6602



9.9237, 4.1518, 44.0213



11.7575, 5.7562, 24.9186



4.9084, 4.9612, 6.3047



5.0934, 2.1399, 22.1903



0.0474, 0.0212, 0.1480

Previews

White Background



This preview shows how the XYZ color 14.6787, 21.2636, 3.7461 looks on a white background.

Color Contrast Check

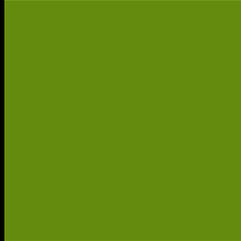
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.6787, 21.2636, 3.7461 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 14.6787, 21.2636, 3.7461

Background



This preview shows how black text looks on a background with the XYZ color 14.6787, 21.2636, 3.7461.



This preview shows how white text looks on a background with the XYZ color 14.6787, 21.2636, 3.7461.

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

14.6787, 21.2636, 3.7461

Protanopia

18.9664, 21.0381, 3.3196

Deuteranopia

21.4354, 20.9952, 4.0851



Tritanopia

19.5233, 21.1714, 27.8684

Trichromacy



Original Color

14.6787, 21.2636, 3.7461

Protanomaly

17.0788, 20.8460, 3.4401

Deuteranomaly

18.4017, 20.7337, 3.8963

Tritanomaly

16.7146, 20.8344, 13.7302

Monochromacy



Original Color

14.6787, 21.2636, 3.7461

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

14.6058, 17.7061, 9.6690

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6787, 21.2636, 3.7461 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(101, 139, 14)` looks like.

```
.text, #text, p{  
    color:rgb(101, 139, 14)  
}
```

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(101, 139, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 139, 14) }
```

Border

The CSS property to change the border of an element to XYZ 14.6787, 21.2636, 3.7461 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(101, 139, 14) }
```

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

```
.border{ border-color:rgb(101, 139, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 139, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 139, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 139, 14);  
box-shadow:4px 4px 4px 4px rgb(101, 139,  
14) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6787, 21.2636, 3.7461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 139, 14) }
```

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

```
.background{ background-color: rgb(101,  
139, 14) }
```

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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