

Converting Colors

XYZ(15.3232, 21.5694, 3.7755)

Have a look what the booklet for
XYZ(15.3232, 21.5694, 3.7755)
contains.

XYZ(15.3753, 21.6227, 3.7787)	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(15.3753, 21.6227,
3.7787)**

Conversions

Conversions Part 1

Format	Color
Hex	6B8B0E
RGB	107, 139, 14
RGB Percent	42%, 55%, 5%
CMY	0.5804, 0.4549, 0.9451
CMYK	0.23, 0.00, 0.90, 0.45
HSL	75°, 82%, 30%
HSV	75°, 90%, 55%
XYZ	15.3753, 21.6227, 3.7787
YIQ	115.1820, 21.0530, -45.6590

Conversions

Conversions Part 2

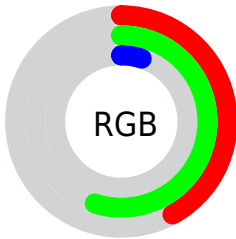
Format	Color
RYB	14, 139, 46
Decimal	7047950
CIELab	53.62, -27.67, 54.81
CIELCh	54, 61.394, 116.787
Yxy	21.6227, 0.3771, 0.5303
Android (android.graphics.Color)	4285238030 (0xFF6B8B0E)
YUV	115.1820, -49.8827, -7.1756
Hunter-Lab	46.5002, -22.3543, 27.7321

Details

The XYZ color **15.3753, 21.6227, 3.7787** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **5.9448, 2.7596, 24.6466**, and the grayscale version is **16.4940, 17.3530, 18.8974**.

A 20% lighter version of the original color is **35.2063, 46.3157, 13.5628**, and **5.1479, 7.9570, 1.2645** is the 20% darker color. If you saturate the color by 10%, you get **14.8779, 21.3761, 3.3450**, and if you desaturate by 10%, it is **15.9418, 21.9005, 4.4799**.

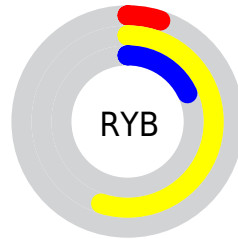
Distribution



Red (42%)

Green (55%)

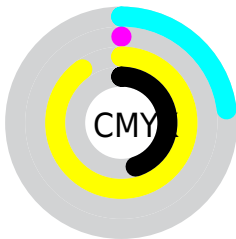
Blue (5%)



Red (5%)

Yellow (55%)

Blue (18%)

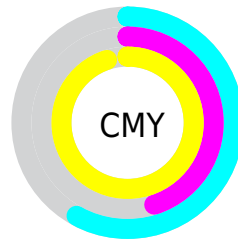


Cyan (23%)

Magenta (0%)

Yellow (90%)

Black (45%)



Cyan (58%)

Magenta (45%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3753, 21.6227, 3.7787 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 15.3753, 21.6227, 3.7787 by changing the saturation by 10% instead.

■ 15.3753, 21.6227,
3.7787

■ 15.3753, 21.6227,
3.7787

218.9703,
260.5695, 145.7329

■ 9.1712, 13.5799,
1.5047

■ 35.0765, 46.1216,
13.4961

■ 4.9110, 7.8291,
0.2215

■ 49.3044, 63.3465,
21.7766

■ 2.2294, 3.9858,
0.0000

■ 66.9375, 84.4010,
32.8963

■ 0.7582, 1.6656,
0.0000

■ 88.3413, 109.6693,
47.2739


■ 0.0000, 0.4012,
0.0000


■ 113.8812,
139.5359, 65.3278


■ 0.0000, 0.0000,
0.0000


■ 143.9224,


174.3852, 87.4766


 178.8303,
214.6017, 114.1388


 15.3753, 21.6227,
3.7787


 15.3753, 21.6227,
3.7787


 14.8779, 21.3761,
3.3450


 15.9418, 21.9005,
4.4799

 14.8741, 21.3742,
3.3417

 16.6024, 22.2173,
5.5859

 17.3672, 22.5778,
7.1468

 18.2445, 22.9854,
9.2050

 19.2417, 23.4431,
11.7981

■ 20.3653, 23.9536,
14.9599

■ 21.6215, 24.5192,
18.7218

■ 23.0160, 25.1423,
23.1126

■ 24.5540, 25.8251,
28.1593

Harmonies

Analogous

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



21.2668, 21.6227, 2.7592



15.3753, 21.6227, 3.7787



11.7022, 21.6227, 8.7824

Triad

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



15.3753, 21.6227, 3.7787



14.3881, 21.6227, 68.5413



35.8923, 21.6227, 25.6266

Complementary

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



15.3753, 21.6227, 3.7787



5.9448, 2.7596, 24.6466

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.



33.0135, 21.6227, 49.3904



15.3753, 21.6227, 3.7787



19.8529, 21.6227, 81.1608

Square

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



15.3753, 21.6227, 3.7787



11.2233, 21.6227, 43.8638



26.7763, 21.6227, 72.7526



33.9927, 21.6227, 10.7278

Rectangle

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



15.3753, 21.6227, 3.7787



10.5557, 21.6227, 16.2144



26.7763, 21.6227, 72.7526



35.4387, 21.6227, 32.8029

Sweetspot

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



15.3758, 21.6237, 3.7792



36.9727, 43.1222, 28.2643



11.6755, 7.4174, 1.2321



8.3722, 9.8699, 6.0825



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.



15.3758, 21.6237, 3.7792



26.4767, 38.1937, 5.9767



10.4059, 19.0616, 3.5466



5.3082, 5.7816, 5.3886



13.4403, 19.2987, 3.0166



0.1028, 0.1352, 0.0207

Inverse Universe

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



5.9448, 2.7596, 24.6466



9.4884, 3.9274, 44.0009



10.9721, 5.3512, 24.8819



4.8869, 4.9501, 6.3037



4.8641, 2.0217, 22.1795



0.0443, 0.0196, 0.1479

Previews

White Background



This preview shows how the XYZ color 15.3753, 21.6227, 3.7787 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 15.3753, 21.6227, 3.7787 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 15.3753, 21.6227, 3.7787

Background



This preview shows how black text looks on a background with the XYZ color 15.3753, 21.6227, 3.7787.



This preview shows how white text looks on a background with the XYZ color 15.3753, 21.6227,

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

15.3753, 21.6227, 3.7787

Protanopia

19.2701, 21.3874, 3.3710

Deuteranopia

21.7449, 21.3357, 4.0707



Tritanopia

20.1916, 21.5159, 27.8997

Trichromacy



Original Color

15.3753, 21.6227, 3.7787

Protanomaly

17.6717, 21.3520, 3.5066

Deuteranomaly

18.8583, 21.1629, 3.9015

Tritanomaly

17.4781, 21.2280, 13.7659

Monochromacy



Original Color

15.3753, 21.6227, 3.7787

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.2649, 18.4101, 9.9567

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3753, 21.6227, 3.7787 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(107, 139, 14)` looks like.

```
.text, #text, p{  
    color:rgb(107, 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(107, 139, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 139, 14) }
```

Border

The CSS property to change the border of an element to XYZ 15.3753, 21.6227, 3.7787 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(107, 139, 14) }
```


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

```
.border{ border-color:rgb(107, 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(107, 139, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 139, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 139, 14);  
box-shadow:4px 4px 4px 4px rgb(107, 139,  
14) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3753, 21.6227, 3.7787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 139, 14) }
```

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

```
.background{ background-color: rgb(107,  
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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