

Converting Colors

XYZ(7.1330, 13.6288, 3.1289)

Have a look what the booklet for
XYZ(7.1330, 13.6288, 3.1289)
contains.

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Color

**XYZ(7.1308, 13.6275,
3.1187)**

Conversions

Conversions Part 1

Format	Color
Hex	127818
RGB	18, 120, 24
RGB Percent	7%, 47%, 9%
CMY	0.9294, 0.5294, 0.9059
CMYK	0.85, 0.00, 0.80, 0.53
HSL	124°, 74%, 27%
HSV	124°, 85%, 47%
XYZ	7.1308, 13.6275, 3.1187
YIQ	78.5580, -29.9760, -51.4800

Conversions

Conversions Part 2

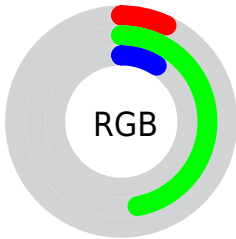
Format	Color
R_{YB}	18, 114, 120
Decimal	1210392
CIE _{Lab}	43.69, -46.42, 41.73
CIE _{LCh}	44, 62.419, 138.048
Yxy	13.6275, 0.2986, 0.5707
Android (android.graphics.Color)	4279400472 (0xFF127818)
YUV	78.5580, -26.8971, -53.1094
Hunter-Lab	36.9154, -30.1219, 20.8319

Details

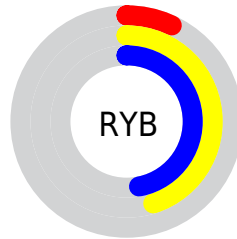
The XYZ color **7.1308, 13.6275, 3.1187** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **10.9995, 5.6407, 16.4282**, and the grayscale version is **7.4014, 7.7869, 8.4799**.

A 20% lighter version of the original color is **19.8697, 32.2800, 11.8400**, and **2.1902, 4.3803, 0.7301** is the 20% darker color. If you saturate the color by 10%, you get **6.8626, 13.5005, 2.6152**, and if you desaturate by 10%, it is **7.5600, 13.8327, 3.8849**.

Distribution



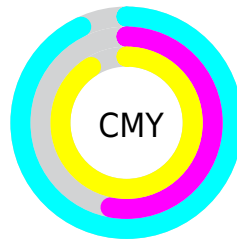
- Red (7%)
- Green (47%)
- Blue (9%)



- Red (7%)
- Yellow (45%)
- Blue (47%)



- Cyan (85%)
- Magenta (0%)
- Yellow (80%)
- Black (53%)



- Cyan (93%)
- Magenta (53%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 7.1308, 13.6275, 3.1187 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 7.1308, 13.6275, 3.1187 by changing the saturation by 10% instead.

■ 7.1308, 13.6275,
3.1187

■ 7.1308, 13.6275,
3.1187

163.2673,
214.9010, 137.8584

■ 3.5911, 7.8620,
1.1556

■ 19.9380, 32.4266,
11.9200

■ 1.4735, 4.0068,
0.0000

■ 29.9362, 46.2290,
19.5952

■ 0.3077, 1.6774,
0.0000

■ 42.8179, 63.4793,
30.0115

■ 0.0000, 0.4089,
0.0000


■ 58.9486, 84.5617,
43.5874


■ 0.0000, 0.0000,
0.0000


■ 78.6935, 109.8607,
60.7415


■ 102.4180,


139.7606, 81.8924


 130.4875,
174.6459, 107.4585


 7.1308, 13.6275,
3.1187


 7.1308, 13.6275,
3.1187


 6.8626, 13.5005,
2.6152


 7.5600, 13.8327,
3.8849

 6.7554, 13.4490,
2.4427

 8.1765, 14.1277,
4.9423

 8.9989, 14.5221,
6.3165

 10.0434, 15.0237,
8.0300

 11.3243, 15.6395,
10.1033

■ 12.8550, 16.3759,
12.5553

■ 14.6477, 17.2389,
15.4035

■ 16.7140, 18.2341,
18.6644

■ 19.0646, 19.3666,
22.3535

Harmonies

Analogous

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



10.2461, 13.6275, 1.1260



7.1308, 13.6275, 3.1187



5.7460, 13.6275, 9.9199

Triad

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



7.1308, 13.6275, 3.1187



11.0968, 13.6275, 60.0191



24.1414, 13.6275, 7.9473

Complementary

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



7.1308, 13.6275, 3.1187



10.9995, 5.6407, 16.4282

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.



24.5364, 13.6275, 21.1606



7.1308, 13.6275, 3.1187



16.0979, 13.6275, 58.1527

Square

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



7.1308, 13.6275, 3.1187



7.6176, 13.6275, 45.3325



21.3038, 13.6275, 41.1916



20.3314, 13.6275, 2.4548

Rectangle

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



7.1308, 13.6275, 3.1187



5.6814, 13.6275, 18.9474



21.3038, 13.6275, 41.1916



24.7076, 13.6275, 11.3704

Sweetspot

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



7.1311, 13.6281, 3.1190



22.1370, 28.5741, 21.3289



13.8833, 17.1154, 3.1441



5.0638, 6.6840, 4.7630



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



7.1311, 13.6281, 3.1190



11.8633, 23.6462, 4.2018



8.2057, 14.0579, 8.7774



3.9596, 4.4534, 4.3209



7.3676, 14.6707, 2.6546



35.0371, 69.9379, 12.0994

Inverse Universe

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



10.9995, 5.6407, 16.4282



18.8424, 9.1107, 28.1207



8.8850, 4.7949, 5.2930



4.1448, 4.0736, 4.9601



11.6962, 5.6546, 17.4888



55.6806, 26.9286, 82.8371

Previews

White Background



This preview shows how the XYZ color 7.1308, 13.6275, 3.1187 looks on a white background.

Color Contrast Check

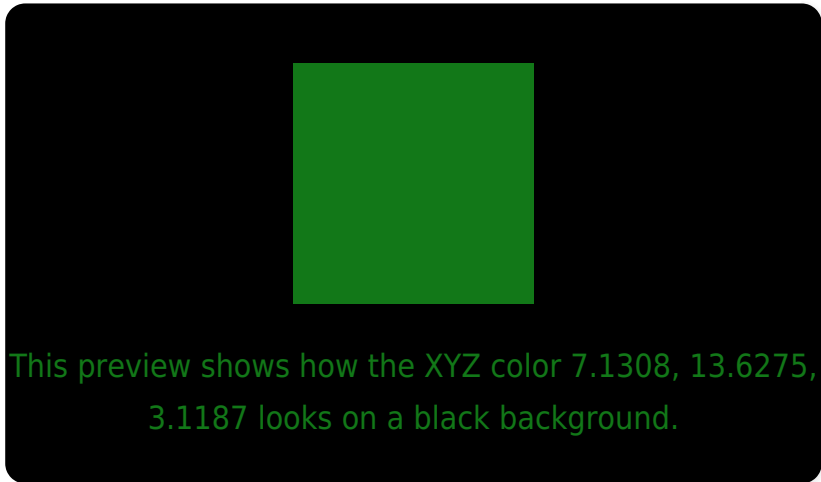
Large Text (above 18pt) WCAG AA ✓ Pass

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

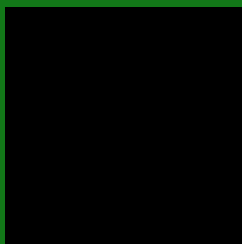
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 7.1308, 13.6275, 3.1187

Background



This preview shows how black text looks on a background with the XYZ color 7.1308, 13.6275, 3.1187.



This preview shows how white text looks on a background with the XYZ color 7.1308, 13.6275,

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

7.1308, 13.6275, 3.1187

Protanopia

12.1790, 13.4640, 2.6187

Deuteranopia

13.7243, 13.5238, 3.4771



Tritanopia

10.6615, 13.6989, 20.1714

Trichromacy



Original Color

7.1308, 13.6275, 3.1187

Protanomaly

8.9123, 12.6969, 2.6905

Deuteranomaly

9.5212, 12.5308, 3.2132

Tritanomaly

8.6855, 13.3845, 10.9298

Monochromacy



Original Color

7.1308, 13.6275, 3.1187

Achromatopsia

7.4317, 7.8187, 8.5146

Achromatomaly

6.4795, 9.1910, 5.5702

CSS Examples

Text

The CSS property to change the color of the text to XYZ 7.1308, 13.6275, 3.1187 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(18, 120, 24)` looks like.

```
.text, #text, p{  
    color:rgb(18, 120, 24)  
}
```

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(18, 120, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 120, 24) }
```

Border

The CSS property to change the border of an element to XYZ 7.1308, 13.6275, 3.1187 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(18, 120, 24) }
```


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

```
.border{ border-color:rgb(18, 120, 24) }
```

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

Here you see how a box with a 4 pixel rgb(18, 120, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 120, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 120, 24);  
box-shadow:4px 4px 4px 4px rgb(18, 120,  
24) }
```

Background

The CSS property to change the background color of an element to XYZ 7.1308, 13.6275, 3.1187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 120, 24) }
```

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

```
.background{ background-color: rgb(18, 120,  
24) }
```

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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