

Converting Colors

XYZ(6.7175, 4.0831, 1.5836)

Have a look what the booklet for
XYZ(6.7175, 4.0831, 1.5836)
contains.

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Color

XYZ(6.7245, 4.0932, 1.5980)

Conversions

Conversions Part 1

Format	Color
Hex	6B1D1D
RGB	107, 29, 29
RGB Percent	42%, 11%, 11%
CMY	0.5804, 0.8863, 0.8863
CMYK	0.00, 0.73, 0.73, 0.58
HSL	0°, 57%, 27%
HSV	0°, 73%, 42%
XYZ	6.7245, 4.0932, 1.5980
YIQ	52.3220, 46.4880, 16.5360

Conversions

Conversions Part 2

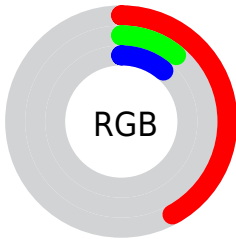
Format	Color
RYB	107, 29, 29
Decimal	7019805
CIELab	23.98, 34.48, 19.96
CIElCh	24, 39.841, 30.064
Yxy	4.0932, 0.5416, 0.3297
Android (android.graphics.Color)	4285209885 (0xFF6B1D1D)
YUV	52.3220, -11.4977, 47.9526
Hunter-Lab	20.2317, 23.9236, 9.4791

Details

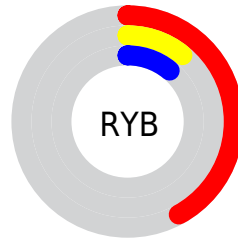
The XYZ color **6.7245, 4.0932, 1.5980** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **8.4176, 11.8370, 15.7509**, and the grayscale version is **3.3120, 3.4845, 3.7946**.

A 20% lighter version of the original color is **19.1028, 13.8595, 7.9717**, and **1.5213, 0.7843, 0.0712** is the 20% darker color. If you saturate the color by 10%, you get **6.3963, 3.6130, 0.9455**, and if you desaturate by 10%, it is **7.1901, 4.7746, 2.5234**.

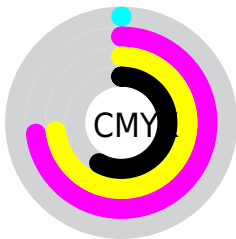
Distribution



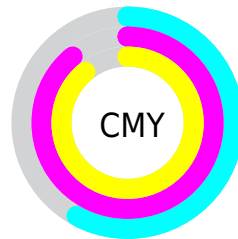
- Red (42%)
- Green (11%)
- Blue (11%)



- Red (42%)
- Yellow (11%)
- Blue (11%)



- Cyan (0%)
- Magenta (73%)
- Yellow (73%)
- Black (58%)



- Cyan (58%)
- Magenta (89%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 6.7245, 4.0932, 1.5980 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 6.7245, 4.0932, 1.5980 by changing the saturation by 10% instead.

6.7245, 4.0932,
1.5980

6.7245, 4.0932,
1.5980

159.9496,
140.6784, 115.7843

3.3352, 1.7258,
0.2894

19.1270, 13.8224,
7.9094

1.3334, 0.4403,
0.0000

28.8710, 21.9531,
13.8945

0.2080, 0.0000,
0.0000

41.4639, 32.7736,
22.3239

0.0000, 0.0000,
0.0000

57.2710, 46.6684,
33.6161

76.6578, 64.0219,
48.1897

99.9896, 85.2185,

66.4633

127.6318,
110.6425, 88.8553

6.7245, 4.0932,
1.5980

6.7245, 4.0932,
1.5980

6.3963, 3.6130,
0.9455

7.1901, 4.7746,
2.5234

6.1875, 3.3075,
0.5305

7.8057, 5.6754,
3.7471

6.0634, 3.1259,
0.2838

8.5826, 6.8122,
5.2915

9.5311, 8.2002,
7.1771

10.6606, 9.8530,
9.4226

■ 11.9799, 11.7835,
12.0453

■ 13.4971, 14.0036,
15.0615

■ 15.2199, 16.5245,
18.4864

■ 17.1556, 19.3569,
22.3345

Harmonies

Analogous

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



7.2611, 4.0932, 4.4481



6.7245, 4.0932, 1.5980



5.3985, 4.0932, 0.4764

Triad

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



6.7245, 4.0932, 1.5980



1.9892, 4.0932, 1.6056



3.8935, 4.0932, 17.5133

Complementary

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



6.7245, 4.0932, 1.5980



8.4176, 11.8370, 15.7509

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.



2.6932, 4.0932, 15.0692



6.7245, 4.0932, 1.5980



1.7678, 4.0932, 4.4655

Square

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



6.7245, 4.0932, 1.5980



2.6891, 4.0932, 0.4795



1.9911, 4.0932, 9.5579



5.4050, 4.0932, 15.0497

Rectangle

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



6.7245, 4.0932, 1.5980



4.3749, 4.0932, 0.1465



1.9911, 4.0932, 9.5579



3.4432, 4.0932, 17.2263

Sweetspot

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



6.7246, 4.0934, 1.5981



19.1501, 17.7320, 16.9930



9.1565, 5.0660, 14.4050



4.5325, 4.1417, 3.9090



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.



6.7246, 4.0934, 1.5981



11.1887, 6.0821, 1.1665



8.3522, 7.3487, 2.1406



3.0998, 3.1168, 3.2557



7.3766, 3.8029, 0.3452



37.5866, 19.3769, 1.7591

Inverse Universe

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



8.4176, 11.8370, 15.7509



14.4194, 20.8587, 28.1739



5.2276, 5.4569, 14.6876



3.1818, 3.4919, 3.9412



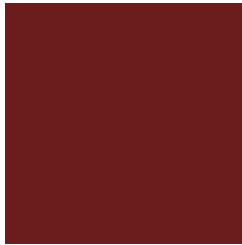
9.6240, 14.0823, 19.1332



49.0381, 71.7547, 97.4917

Previews

White Background



This preview shows how the XYZ color 6.7245, 4.0932, 1.5980 looks on a white background.

Color Contrast Check

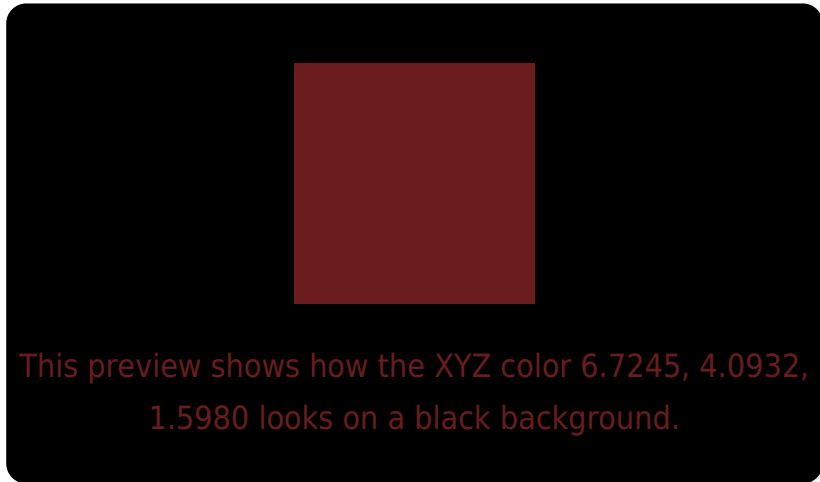
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 6.7245, 4.0932, 1.5980

Background



This preview shows how black text looks on a background with the XYZ color 6.7245, 4.0932, 1.5980.

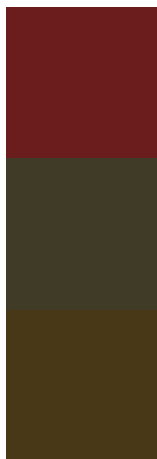


This preview shows how white text looks on a background with the XYZ color 6.7245, 4.0932, 1.5980.

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

6.7245, 4.0932, 1.5980

Protanopia

4.0445, 4.3644, 2.5487

Deuteranopia

4.3267, 4.3108, 1.4682



Tritanopia

6.7371, 4.0983, 1.6643

Trichromacy



Original Color

6.7245, 4.0932, 1.5980

Protanomaly

4.6686, 3.9407, 2.1047

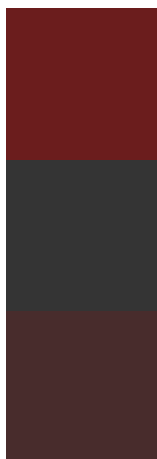
Deuteranomaly

4.9098, 3.9599, 1.4828

Tritanomaly

6.7371, 4.0983, 1.6643

Monochromacy



Original Color

6.7245, 4.0932, 1.5980

Achromatopsia

3.2640, 3.4340, 3.7396

Achromatomaly

4.0278, 3.3609, 2.8193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 6.7245, 4.0932, 1.5980 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, 29, 29)` looks like.

```
.text, #text, p{  
    color:rgb(107, 29, 29)  
}
```

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, 29, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 29, 29) }
```

Border

The CSS property to change the border of an element to XYZ 6.7245, 4.0932, 1.5980 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, 29, 29) }
```

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

```
.border{ border-color:rgb(107, 29, 29) }
```

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

Here you see how a box with a 4 pixel rgb(107, 29, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 29, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 29, 29);  
box-shadow:4px 4px 4px 4px rgb(107, 29,  
29) }
```


Background

The CSS property to change the background color of an element to XYZ 6.7245, 4.0932, 1.5980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 29, 29) }
```

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

```
.background{ background-color: rgb(107, 29,  
29) }
```

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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