

Converting Colors

XYZ(7.6587, 10.6341, 2.6931)

Have a look what the booklet for
XYZ(7.6587, 10.6341, 2.6931)
contains.

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Color

**XYZ(7.6567, 10.6893,
2.6966)**

Conversions

Conversions Part 1

Format	Color
Hex	4B641B
RGB	75, 100, 27
RGB Percent	29%, 39%, 11%
CMY	0.7059, 0.6078, 0.8941
CMYK	0.25, 0.00, 0.73, 0.61
HSL	81°, 57%, 25%
HSV	81°, 73%, 39%
XYZ	7.6567, 10.6893, 2.6966
YIQ	84.2030, 8.5330, -28.0030

Conversions

Conversions Part 2

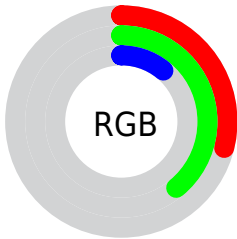
Format	Color
R_{YB}	27, 100, 52
Decimal	4940827
CIE Lab	39.05, -21.35, 36.62
CIE LCh	39, 42.390, 120.244
Yxy	10.6893, 0.3639, 0.5080
Android (android.graphics.Color)	4283130907 (0xFF4B641B)
YUV	84.2030, -28.2011, -8.0710
Hunter-Lab	32.6945, -15.4126, 17.9960

Details

The XYZ color **7.6567, 10.6893, 2.6966** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4.1087, 2.4343, 12.3104**, and the grayscale version is **8.5244, 8.9683, 9.7665**.

A 20% lighter version of the original color is **20.9753, 27.0906, 10.9610**, and **1.7520, 2.7931, 0.4468** is the 20% darker color. If you saturate the color by 10%, you get **7.2995, 10.5167, 2.1756**, and if you desaturate by 10%, it is **8.0682, 10.8861, 3.4265**.

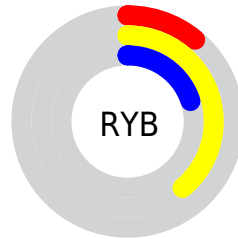
Distribution



Red (29%)

Green (39%)

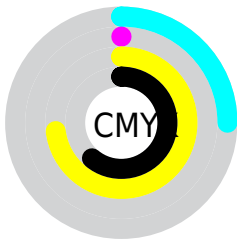
Blue (11%)



Red (11%)

Yellow (39%)

Blue (20%)

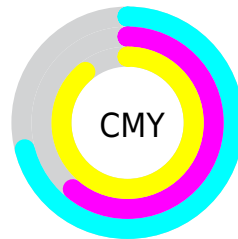


Cyan (25%)

Magenta (0%)

Yellow (73%)

Black (61%)



Cyan (71%)

Magenta (61%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 7.6567, 10.6893, 2.6966 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 7.6567, 10.6893, 2.6966 by changing the saturation by 10% instead.

7.6567, 10.6893,
2.6966

7.6567, 10.6893,
2.6966

167.4426,
195.5234, 132.3973

3.9260, 5.8583,
0.9417

20.9746, 27.0842,
10.8701

1.6604, 2.7591,
0.0000

31.2924, 39.4169,
18.1260

0.4313, 1.0073,
0.0000

44.5368, 55.0189,
28.0527

0.0000, 0.0000,
0.0000

61.0729, 74.2747,
41.0688

81.2662, 97.5687,
57.5927

105.4820,

125.2852, 78.0431

134.0857,
157.8086, 102.8385

7.6567, 10.6893,
2.6966

7.6567, 10.6893,
2.6966

7.2995, 10.5167,
2.1756

8.0682, 10.8861,
3.4265

6.9902, 10.3645,
1.8332

8.5372, 11.1072,
4.3836

6.7875, 10.2644,
1.6235

9.0674, 11.3544,
5.5850

9.6617, 11.6291,
7.0461

10.3232, 11.9324,
8.7809

■ 11.0545, 12.2654,
10.8024

■ 11.8581, 12.6291,
13.1229

■ 12.7364, 13.0246,
15.7538

■ 13.6916, 13.4527,
18.7059

Harmonies

Analogous

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



10.1366, 10.6893, 1.9726



7.6567, 10.6893, 2.6966



6.1281, 10.6893, 5.4883

Triad

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



7.6567, 10.6893, 2.6966



7.6901, 10.6893, 31.1036



16.6352, 10.6893, 11.5724

Complementary

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



7.6567, 10.6893, 2.6966



4.1087, 2.4343, 12.3104

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.



15.6578, 10.6893, 21.2201



7.6567, 10.6893, 2.6966



10.1831, 10.6893, 35.2331

Square

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



7.6567, 10.6893, 2.6966



6.1447, 10.6893, 21.3925



13.1566, 10.6893, 30.9757



15.6268, 10.6893, 5.4188

Rectangle

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



7.6567, 10.6893, 2.6966



5.6830, 10.6893, 9.1915



13.1566, 10.6893, 30.9757



16.5262, 10.6893, 14.4861

Sweetspot

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



7.6570, 10.6898, 2.6968



18.1404, 20.9378, 15.5103



6.6522, 5.1857, 1.6874



4.4090, 5.1269, 3.6698



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

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



7.6570, 10.6898, 2.6968



12.3800, 18.2316, 3.3415



5.5983, 9.6285, 2.6005



2.9539, 3.2234, 3.0409



9.0392, 13.7186, 2.1715



46.1809, 71.0531, 11.2806

Inverse Universe

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



4.1087, 2.4343, 12.3104



5.7768, 2.7787, 21.3686



6.7013, 3.7708, 12.4318



2.7730, 2.8050, 3.5272



3.9282, 1.6693, 16.2595



19.6289, 8.2633, 84.7618

Previews

White Background



This preview shows how the XYZ color 7.6567, 10.6893, 2.6966 looks on a white background.

Color Contrast Check

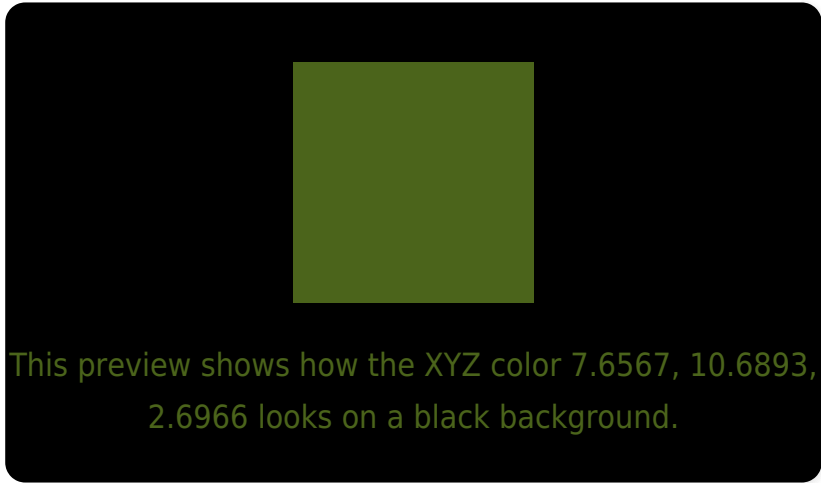
Large Text (above 18pt) WCAG AA ✓ Pass

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

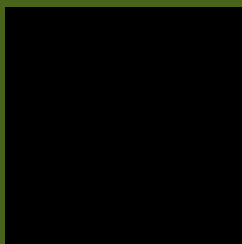
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 7.6567, 10.6893, 2.6966

Background



This preview shows how black text looks on a background with the XYZ color 7.6567, 10.6893, 2.6966.



This preview shows how white text looks on a background with the XYZ color 7.6567, 10.6893,

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

7.6567, 10.6893, 2.6966

Protanopia

9.5961, 10.6080, 2.4615

Deuteranopia

10.7391, 10.5655, 2.8398



Tritanopia

9.9195, 10.6531, 13.8454

Trichromacy



Original Color

7.6567, 10.6893, 2.6966

Protanomaly

8.7929, 10.5862, 2.5572

Deuteranomaly

9.3170, 10.4574, 2.7557

Tritanomaly

8.8122, 10.6095, 8.0619

Monochromacy



Original Color

7.6567, 10.6893, 2.6966

Achromatopsia

8.4267, 8.8656, 9.6546

Achromatomaly

7.9467, 9.4205, 6.1021

CSS Examples

Text

The CSS property to change the color of the text to XYZ 7.6567, 10.6893, 2.6966 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(75, 100, 27)` looks like.

```
.text, #text, p{  
    color:rgb(75, 100, 27)  
}
```

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(75, 100, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 100, 27) }
```

Border

The CSS property to change the border of an element to XYZ 7.6567, 10.6893, 2.6966 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(75, 100, 27) }
```


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

```
.border{ border-color:rgb(75, 100, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 100, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 100, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 100, 27);  
box-shadow:4px 4px 4px 4px rgb(75, 100,  
27) }
```

Background

The CSS property to change the background color of an element to XYZ 7.6567, 10.6893, 2.6966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 100, 27) }
```

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

```
.background{ background-color: rgb(75, 100,  
27) }
```

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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