

Converting Colors

XYZ(7.2395, 11.1161, 4.5982)

Have a look what the booklet for
XYZ(7.2395, 11.1161, 4.5982)
contains.

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Color

**XYZ(7.2724, 11.1864,
4.5722)**

Conversions

Conversions Part 1

Format	Color
Hex	396930
RGB	57, 105, 48
RGB Percent	22%, 41%, 19%
CMY	0.7765, 0.5882, 0.8118
CMYK	0.46, 0.00, 0.54, 0.59
HSL	111°, 37%, 30%
HSV	111°, 54%, 41%
XYZ	7.2724, 11.1864, 4.5722
YIQ	84.1500, -10.3110, -27.9030

Conversions

Conversions Part 2

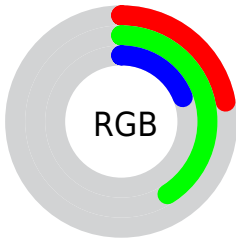
Format	Color
RYB	48, 105, 96
Decimal	3762480
CIELab	39.89, -28.65, 26.85
CIELCh	40, 39.265, 136.856
Yxy	11.1864, 0.3158, 0.4857
Android (android.graphics.Color)	4281952560 (0xFF396930)
YUV	84.1500, -17.8219, -23.8105
Hunter-Lab	33.4461, -19.7182, 15.3071

Details

The XYZ color **7.2724, 11.1864, 4.5722** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **8.4312, 5.6210, 14.0058**, and the grayscale version is **8.4953, 8.9377, 9.7331**.

A 20% lighter version of the original color is **20.2317, 28.0843, 15.4208**, and **1.5187, 2.9543, 0.5189** is the 20% darker color. If you saturate the color by 10%, you get **6.6200, 10.8726, 3.5415**, and if you desaturate by 10%, it is **8.0645, 11.5670, 5.8779**.

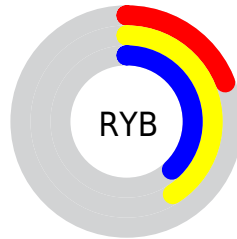
Distribution



Red (22%)

Green (41%)

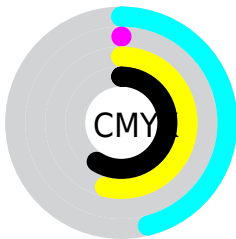
Blue (19%)



Red (19%)

Yellow (41%)

Blue (38%)

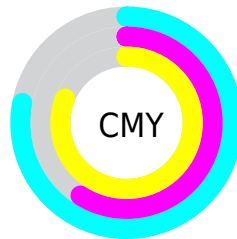


Cyan (46%)

Magenta (0%)

Yellow (54%)

Black (59%)



Cyan (78%)


Magenta (59%)


Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 7.2724, 11.1864, 4.5722 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 7.2724, 11.1864, 4.5722 by changing the saturation by 10% instead.


 7.2724, 11.1864,
4.5722


 7.2724, 11.1864,
4.5722


164.4042,
198.9419, 154.3876


 3.6809, 6.1924,
1.9442

 20.2185, 28.0043,
15.3093


 1.5232, 2.9624,
0.5206


 30.3038, 40.5970,
24.2555

 0.3416, 1.1121,
0.0000

 43.2844, 56.4914,
36.1448

 0.0000, 0.0000,
0.0000

 59.5256, 76.0718,
51.3958

 79.3928, 99.7227,
70.4271

 103.2514,

127.8284, 93.6571

131.4668,
160.7733, 121.5044

■ 7.2724, 11.1864,
4.5722

■ 7.2724, 11.1864,
4.5722

■ 6.6200, 10.8726,
3.5415

■ 8.0645, 11.5670,
5.8779

■ 6.0983, 10.6202,
2.7655

■ 9.0031, 12.0165,
7.4755

■ 5.6984, 10.4257,
2.2221

■ 10.0955, 12.5386,
9.3814

■ 5.4074, 10.2831,
1.8722

■ 11.3481, 13.1363,
11.6109

■ 5.2755, 10.2189,
1.6944

■ 12.7672, 13.8125,
14.1777

■ 14.3585, 14.5699,
17.0953

■ 16.1277, 15.4112,
20.3760

■ 18.0800, 16.3388,
24.0318

■ 20.2206, 17.3550,
28.0740

Harmonies

Analogous

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



9.1950, 11.1864, 2.7654



7.2724, 11.1864, 4.5722



6.3309, 11.1864, 9.0985

Triad

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



7.2724, 11.1864, 4.5722



9.4935, 11.1864, 33.1921



16.4240, 11.1864, 8.3528

Complementary

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



7.2724, 11.1864, 4.5722



8.4312, 5.6210, 14.0058

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.



16.5408, 11.1864, 15.8890



7.2724, 11.1864, 4.5722



12.2122, 11.1864, 32.7074

Square

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



7.2724, 11.1864, 4.5722



7.4588, 11.1864, 26.5930



14.8944, 11.1864, 25.4615



14.5982, 11.1864, 4.2264

Rectangle

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



7.2724, 11.1864, 4.5722



6.2610, 11.1864, 14.0453



14.8944, 11.1864, 25.4615



16.6740, 11.1864, 10.4878

Sweetspot

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



7.2727, 11.1869, 4.5724



19.8064, 23.2765, 19.8708



10.4971, 11.4920, 4.4614



4.5623, 5.4156, 4.5166



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



7.2727, 11.1869, 4.5724



11.5901, 19.3407, 5.9397



7.2840, 11.1373, 7.0763



3.1044, 3.4656, 3.3228



6.6555, 12.9262, 2.1442



33.4153, 65.6083, 10.9025

Inverse Universe

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



8.4312, 5.6210, 14.0058



13.8809, 8.2093, 24.7840



8.5628, 5.7893, 9.4707



3.1730, 3.1409, 3.8739



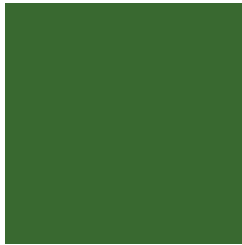
8.3504, 3.9318, 17.2411



41.9475, 19.7244, 87.8225

Previews

White Background



This preview shows how the XYZ color 7.2724, 11.1864, 4.5722 looks on a white background.

Color Contrast Check

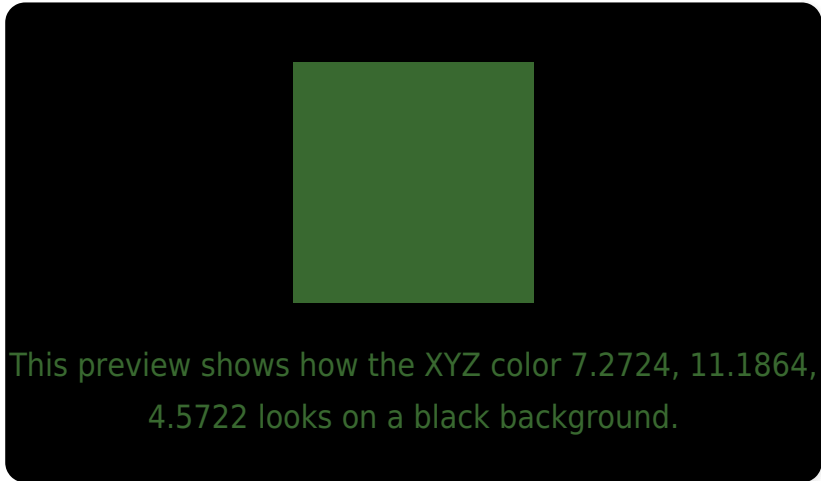
Large Text (above 18pt) WCAG AA ✓ Pass

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 7.2724, 11.1864, 4.5722

Background



This preview shows how black text looks on a background with the XYZ color 7.2724, 11.1864, 4.5722.



This preview shows how white text looks on a background with the XYZ color 7.2724, 11.1864,

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

7.2724, 11.1864, 4.5722

Protanopia

10.1662, 11.1303, 3.9954

Deuteranopia

11.1316, 10.9701, 4.7796



Tritanopia

9.4996, 11.2142, 15.5738

Trichromacy



Original Color

7.2724, 11.1864, 4.5722

Protanomaly

8.7718, 10.9511, 4.1341

Deuteranomaly

9.2040, 10.7506, 4.7219

Tritanomaly

8.4477, 11.0692, 10.4954

Monochromacy



Original Color

7.2724, 11.1864, 4.5722

Achromatopsia

8.4267, 8.8656, 9.6546

Achromatomaly

7.7885, 9.5651, 7.3970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 7.2724, 11.1864, 4.5722 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(57, 105, 48)` looks like.

```
.text, #text, p{  
    color:rgb(57, 105, 48)  
}
```

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(57, 105, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 105, 48) }
```

Border

The CSS property to change the border of an element to XYZ 7.2724, 11.1864, 4.5722 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(57, 105, 48) }
```


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

```
.border{ border-color:rgb(57, 105, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 105, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 105, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 105, 48);  
box-shadow:4px 4px 4px 4px rgb(57, 105,  
48) }
```

Background

The CSS property to change the background color of an element to XYZ 7.2724, 11.1864, 4.5722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 105, 48) }
```

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

```
.background{ background-color: rgb(57, 105,  
48) }
```

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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