

Converting Colors

XYZ(18.1454, 23.9722, 7.2464)

Have a look what the booklet for
XYZ(18.1454, 23.9722, 7.2464)
contains.

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Color

**XYZ(18.2706, 24.1443,
7.3118)**

Conversions

Conversions Part 1

Format	Color
Hex	779037
RGB	119, 144, 55
RGB Percent	47%, 56%, 22%
CMY	0.5333, 0.4353, 0.7843
CMYK	0.17, 0.00, 0.62, 0.44
HSL	77°, 45%, 39%
HSV	77°, 62%, 56%
XYZ	18.2706, 24.1443, 7.3118
YIQ	126.3790, 13.6690, -32.9790

Conversions

Conversions Part 2

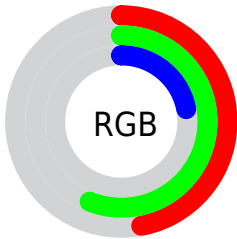
Format	Color
RYB	55, 144, 80
Decimal	7835703
CIELab	56.23, -22.78, 43.25
CIELCh	56, 48.879, 117.780
Yxy	24.1443, 0.3674, 0.4855
Android (android.graphics.Color)	4286025783 (0xFF779037)
YUV	126.3790, -35.1898, -6.4714
Hunter-Lab	49.1368, -19.6177, 25.5732

Details

The XYZ color **18.2706, 24.1443, 7.3118** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **9.7095, 6.4521, 27.1206**, and the grayscale version is **20.0739, 21.1193, 22.9989**.

A 20% lighter version of the original color is **40.0292, 50.3130, 21.2373**, and **6.3174, 9.1987, 1.4426** is the 20% darker color. If you saturate the color by 10%, you get **17.4313, 23.7467, 5.7265**, and if you desaturate by 10%, it is **19.2354, 24.5966, 9.4299**.

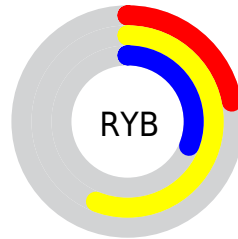
Distribution



Red (47%)

Green (56%)

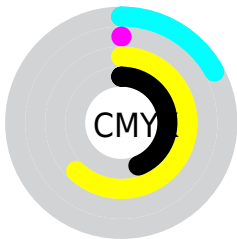
Blue (22%)



Red (22%)

Yellow (56%)

Blue (31%)

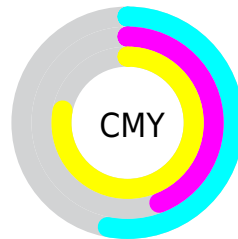


Cyan (17%)

Magenta (0%)

Yellow (62%)

Black (44%)



Cyan (53%)

Magenta (44%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2706, 24.1443, 7.3118 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 18.2706, 24.1443, 7.3118 by changing the saturation by 10% instead.

■ 18.2706, 24.1443,
7.3118

■ 18.2706, 24.1443,
7.3118

■ 235.4081,
273.5492, 179.9580

■ 11.2453, 15.4407,
3.5765

■ 40.0244, 50.2656,
21.1212

■ 6.3006, 9.1293,
1.3960

■ 55.4835, 68.4520,
32.0324

■ 3.0711, 4.8256,
0.1386

■ 74.4847, 90.5682,
46.1726

■ 1.1915, 2.1453,
0.0000

■ 97.3932, 116.9986,
63.9604

■ 0.0996, 0.6899,
0.0000

■ 124.5745,
148.1275, 85.8143

■ 0.0000, 0.0000,
0.0000

■ 156.3938,

184.3392, 112.1528

193.2166,
226.0184, 143.3946

■ 18.2706, 24.1443,
7.3118

■ 18.2706, 24.1443,
7.3118

■ 17.4313, 23.7467,
5.7265

■ 19.2354, 24.5966,
9.4299

■ 16.7066, 23.3967,
4.6246

■ 20.3323, 25.1036,
12.1211

■ 16.0859, 23.0910,
3.9507

■ 21.5693, 25.6695,
15.4237

■ 15.6303, 22.8636,
3.5893

■ 22.9532, 26.2970,
19.3723

■ 24.4904, 26.9886,
23.9988

■ 26.1868, 27.7468,
29.3330

■ 28.0480, 28.5739,
35.4031

■ 30.0793, 29.4719,
42.2356

■ 32.2857, 30.4430,
49.8556

Harmonies

Analogous

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



23.3697, 24.1443, 5.9032



18.2706, 24.1443, 7.3118



14.9653, 24.1443, 12.9980

Triad

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



18.2706, 24.1443, 7.3118



17.6547, 24.1443, 62.1338



35.5314, 24.1443, 27.5065

Complementary

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



18.2706, 24.1443, 7.3118



9.7095, 6.4521, 27.1206

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.



33.3604, 24.1443, 46.4873



18.2706, 24.1443, 7.3118



22.5323, 24.1443, 70.9360

Square

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



18.2706, 24.1443, 7.3118



14.6527, 24.1443, 43.5158



28.3634, 24.1443, 64.2858



33.9006, 24.1443, 14.3403

Rectangle

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



18.2706, 24.1443, 7.3118



13.9230, 24.1443, 20.2663



28.3634, 24.1443, 64.2858



35.2154, 24.1443, 33.4004

Sweetspot

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



18.2712, 24.1454, 7.3123



41.1115, 46.6633, 36.0253



14.9689, 11.7595, 5.0956



9.2734, 10.6313, 7.8059



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



18.2712, 24.1454, 7.3123



30.2458, 41.6425, 9.2834



13.6257, 21.7505, 7.0949



5.6939, 6.2103, 5.7880



13.6340, 19.9212, 3.1266



0.1519, 0.2016, 0.0309

Inverse Universe

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



9.7095, 6.4521, 27.1206



13.8919, 7.7292, 47.2977



14.6029, 8.9748, 27.3496



5.2630, 5.3238, 6.7790



5.1819, 2.1650, 23.1218



0.0688, 0.0306, 0.2220

Previews

White Background



This preview shows how the XYZ color 18.2706, 24.1443, 7.3118 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 18.2706, 24.1443, 7.3118 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 18.2706, 24.1443, 7.3118

Background



This preview shows how black text looks on a background with the XYZ color 18.2706, 24.1443, 7.3118.



This preview shows how white text looks on a background with the XYZ color 18.2706, 24.1443,

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

18.2706, 24.1443, 7.3118

Protanopia

21.8615, 24.0599, 6.7406

Deuteranopia

24.4711, 23.9801, 7.6138



Tritanopia

23.0582, 24.1491, 30.6401

Trichromacy



Original Color

18.2706, 24.1443, 7.3118

Protanomaly

20.3785, 23.9230, 6.9117

Deuteranomaly

21.8665, 23.8397, 7.4520

Tritanomaly

20.6733, 23.8048, 19.1280

Monochromacy



Original Color

18.2706, 24.1443, 7.3118

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

18.8562, 21.9061, 15.2911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2706, 24.1443, 7.3118 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(119, 144, 55)` looks like.

```
.text, #text, p{  
    color:rgb(119, 144, 55)  
}
```

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(119, 144, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 144, 55) }
```

Border

The CSS property to change the border of an element to XYZ 18.2706, 24.1443, 7.3118 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(119, 144, 55) }
```


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

```
.border{ border-color:rgb(119, 144, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 144, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 144, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 144, 55);  
box-shadow:4px 4px 4px 4px rgb(119, 144,  
55) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2706, 24.1443, 7.3118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 144, 55) }
```

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

```
.background{ background-color: rgb(119,  
144, 55) }
```

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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