

Converting Colors

XYZ(11.7080, 14.1375, 8.1689)

Have a look what the booklet for
XYZ(11.7080, 14.1375, 8.1689)
contains.

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Color

**XYZ(11.7826, 14.2164,
8.2539)**

Conversions

Conversions Part 1

Format	Color
Hex	626E48
RGB	98, 110, 72
RGB Percent	38%, 43%, 28%
CMY	0.6157, 0.5686, 0.7176
CMYK	0.11, 0.00, 0.35, 0.57
HSL	79°, 21%, 36%
HSV	79°, 35%, 43%
XYZ	11.7826, 14.2164, 8.2539
YIQ	102.0800, 5.0460, -14.3620

Conversions

Conversions Part 2

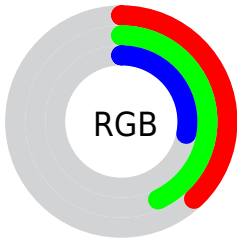
Format	Color
RYB	72, 110, 84
Decimal	6450760
CIELab	44.54, -11.65, 19.74
CIELCh	45, 22.918, 120.543
Yxy	14.2164, 0.3440, 0.4150
Android (android.graphics.Color)	4284640840 (0xFF626E48)
YUV	102.0800, -14.8294, -3.5782
Hunter-Lab	37.7046, -10.2023, 13.4141

Details

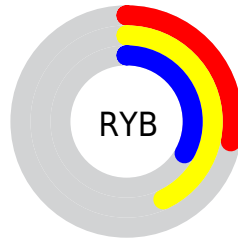
The XYZ color **11.7826, 14.2164, 8.2539** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.7886, 7.6457, 15.7652**, and the grayscale version is **12.6871, 13.3479, 14.5358**.

A 20% lighter version of the original color is **28.7659, 33.6107, 23.0605**, and **3.2975, 4.2329, 1.7418** is the 20% darker color. If you saturate the color by 10%, you get **11.0887, 13.8970, 6.5129**, and if you desaturate by 10%, it is **12.5577, 14.5712, 10.3345**.

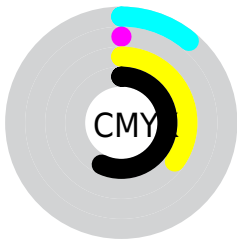
Distribution



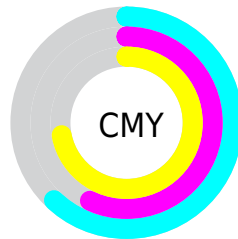
- Red (38%)
- Green (43%)
- Blue (28%)



- Red (28%)
- Yellow (43%)
- Blue (33%)



- Cyan (11%)
- Magenta (0%)
- Yellow (35%)
- Black (57%)



- Cyan (62%)
- Magenta (57%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.7826, 14.2164, 8.2539 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 11.7826, 14.2164, 8.2539 by changing the saturation by 10% instead.

■ 11.7826, 14.2164,
8.2539

■ 11.7826, 14.2164,
8.2539

196.7601,
218.5729, 187.7185

■ 6.6670, 8.2713,
4.1677

■ 28.7188, 33.4725,
23.0090

■ 3.2992, 4.2691,
1.7178

■ 41.2702, 47.5523,
34.5151

■ 1.3139, 1.8252,
0.3729

■ 57.0307, 65.1125,
49.3316

■ 0.1936, 0.5028,
0.0000

■ 76.3659, 86.5375,
67.8769

■ 0.0000, 0.0000,
0.0000

■ 99.6411, 112.2116,
90.5698

127.2217,

142.5193, 117.8286

159.4729,
177.8450, 150.0720

■ 11.7826, 14.2164,
8.2539

■ 11.7826, 14.2164,
8.2539

■ 11.0887, 13.8970,
6.5129

■ 12.5577, 14.5712,
10.3345

■ 10.4714, 13.6095,
5.0927

■ 13.4164, 14.9608,
12.7707

■ 9.9270, 13.3531,
3.9737

■ 14.3621, 15.3872,
15.5782

■ 9.4511, 13.1258,
3.1340

■ 15.3978, 15.8515,
18.7718

■ 9.0389, 12.9259,
2.5488

■ 16.5264, 16.3550,
22.3653

■ 8.6820, 12.7498,
2.1756

■ 17.7506, 16.8986,
26.3720

■ 8.4981, 12.6588,
1.9955

■ 19.0729, 17.4835,
30.8045

■ 20.4958, 18.1107,
35.6747

■ 22.0216, 18.7812,
40.9943

Harmonies

Analogous

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



13.4785, 14.2164, 7.3584



11.7826, 14.2164, 8.2539



10.6434, 14.2164, 10.9871

Triad

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



11.7826, 14.2164, 8.2539



11.8360, 14.2164, 26.1625



17.3940, 14.2164, 15.3828

Complementary

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



11.7826, 14.2164, 8.2539



8.7886, 7.6457, 15.7652

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.



16.8552, 14.2164, 21.0541



11.7826, 14.2164, 8.2539



13.5460, 14.2164, 28.0769

Square

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



11.7826, 14.2164, 8.2539



10.6722, 14.2164, 21.2603



15.4034, 14.2164, 26.0255



16.8162, 14.2164, 10.8544

Rectangle

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



11.7826, 14.2164, 8.2539



10.2960, 14.2164, 13.8637



15.4034, 14.2164, 26.0255



17.3370, 14.2164, 17.2156

Sweetspot

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



11.7830, 14.2170, 8.2542



24.2523, 26.5852, 24.4552



10.7246, 10.0312, 7.5020



5.6039, 6.1686, 5.5733



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.



11.7830, 14.2170, 8.2542



19.7593, 24.5370, 12.1340



10.0207, 13.3085, 8.1717



3.5444, 3.8660, 3.6327



10.1777, 15.1905, 2.3956



49.7782, 75.1956, 11.8906

Inverse Universe

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



8.7886, 7.6457, 15.7652



13.6970, 11.2254, 27.3521



10.6573, 8.6091, 15.8527



3.3076, 3.3469, 4.2259



4.1751, 1.7617, 17.8416



19.9948, 8.3621, 88.8393

Previews

White Background



This preview shows how the XYZ color 11.7826, 14.2164, 8.2539 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



This preview shows how the XYZ color 11.7826, 14.2164, 8.2539 looks on a 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

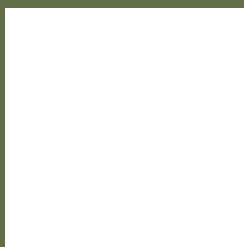
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.7826, 14.2164, 8.2539

Background



This preview shows how black text looks on a background with the XYZ color 11.7826, 14.2164, 8.2539.



This preview shows how white text looks on a background with the XYZ color 11.7826, 14.2164,

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

11.7826, 14.2164, 8.2539

Protanopia

13.0965, 14.1228, 7.8301

Deuteranopia

14.3472, 14.1617, 8.4559



Tritanopia

13.7411, 14.2385, 17.6468

Trichromacy



Original Color

11.7826, 14.2164, 8.2539

Protanomaly

12.5794, 14.1585, 8.0311

Deuteranomaly

13.2231, 14.0265, 8.3138

Tritanomaly

12.9418, 14.2220, 13.6183

Monochromacy



Original Color

11.7826, 14.2164, 8.2539

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

12.3067, 13.6252, 11.8788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.7826, 14.2164, 8.2539 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(98, 110, 72) looks like.

```
.text, #text, p{  
    color:rgb(98, 110, 72)  
}
```

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(98, 110, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 110, 72) }
```

Border

The CSS property to change the border of an element to XYZ 11.7826, 14.2164, 8.2539 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(98, 110, 72) }
```


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

```
.border{ border-color:rgb(98, 110, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 110, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 110, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 110, 72);  
box-shadow:4px 4px 4px 4px rgb(98, 110,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 11.7826, 14.2164, 8.2539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 110, 72) }
```

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

```
.background{ background-color: rgb(98, 110,  
72) }
```

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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