

Converting Colors

XYZ(14.2784, 11.5016, 2.2521)

Have a look what the booklet for
XYZ(14.2784, 11.5016, 2.2521)
contains.

XYZ(14.2783, 11.4935, 2.2765)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.2783, 11.4935,
2.2765)**

Conversions

Conversions Part 1

Format	Color
Hex	8F4F17
RGB	143, 79, 23
RGB Percent	56%, 31%, 9%
CMY	0.4392, 0.6902, 0.9098
CMYK	0.00, 0.45, 0.84, 0.44
HSL	28°, 72%, 33%
HSV	28°, 84%, 56%
XYZ	14.2783, 11.4935, 2.2765
YIQ	91.7520, 56.1200, -3.8480

Conversions

Conversions Part 2

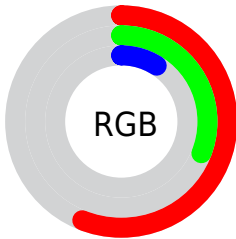
Format	Color
RYB	143, 128, 23
Decimal	9391895
CIELab	40.40, 22.70, 42.14
CIELCh	40, 47.865, 61.696
Yxy	11.4935, 0.5091, 0.4098
Android (android.graphics.Color)	4287581975 (0xFF8F4F17)
YUV	91.7520, -33.8947, 44.9445
Hunter-Lab	33.9021, 15.8490, 19.7502

Details

The XYZ color **14.2783, 11.4935, 2.2765** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **8.7191, 8.9810, 27.2602**, and the grayscale version is **10.1824, 10.7127, 11.6661**.

A 20% lighter version of the original color is **33.0750, 28.5730, 9.7331**, and **4.4743, 3.1139, 0.3652** is the 20% darker color. If you saturate the color by 10%, you get **13.6526, 10.4135, 1.5403**, and if you desaturate by 10%, it is **15.0446, 12.7318, 3.4397**.

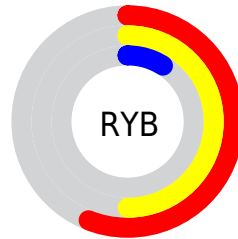
Distribution



Red (56%)

Green (31%)

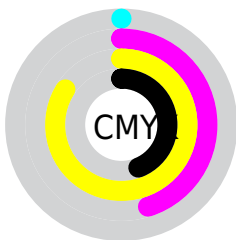
Blue (9%)



Red (56%)

Yellow (50%)

Blue (9%)

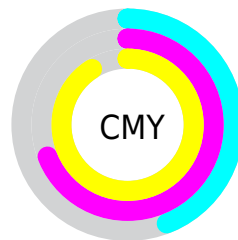


Cyan (0%)

Magenta (45%)

Yellow (84%)

Black (44%)



Cyan (44%)

Magenta (69%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2783, 11.4935, 2.2765 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 14.2783, 11.4935, 2.2765 by changing the saturation by 10% instead.

■ 14.2783, 11.4935,
2.2765

■ 14.2783, 11.4935,
2.2765

212.4315,
201.0227, 126.5325

■ 8.3975, 6.3998,
0.7180

■ 33.1642, 28.5692,
9.7838

■ 4.4043, 3.0897,
0.0000

■ 46.8999, 41.3200,
16.5901

■ 1.9333, 1.1787,
0.0000

■ 63.9847, 57.3919,
25.9895

■ 0.5961, 0.0442,
0.0000


■ 84.7839, 77.1694,
38.4006


■ 0.0000, 0.0000,
0.0000


■ 109.6628,
101.0368, 54.2419


■ 138.9868,


129.3786, 73.9319


 173.1212,
162.5790, 97.8893


 14.2783, 11.4935,
2.2765


 14.2783, 11.4935,
2.2765


 13.6526, 10.4135,
1.5403


 15.0446, 12.7318,
3.4397

 13.3192, 9.8228,
1.1940

 15.9640, 14.1351,
5.0889

 17.0479, 15.7115,
7.2731

 18.3061, 17.4680,
10.0352

 19.7476, 19.4109,
13.4138

■ 21.3806, 21.5463,
17.4438

■ 23.2129, 23.8800,
22.1578

■ 25.2518, 26.4174,
27.5860

■ 27.5040, 29.1637,
33.7569

Harmonies

Analogous

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



17.3857, 11.4935, 5.0994



14.2783, 11.4935, 2.2765



10.7343, 11.4935, 1.6404

Triad

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



14.2783, 11.4935, 2.2765



5.6604, 11.4935, 13.0695



14.6775, 11.4935, 35.7431

Complementary

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



14.2783, 11.4935, 2.2765



8.7191, 8.9810, 27.2602

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.



11.1164, 11.4935, 41.5660



14.2783, 11.4935, 2.2765



6.3023, 11.4935, 24.9521

Square

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



14.2783, 11.4935, 2.2765



6.1709, 11.4935, 5.6381



8.1414, 11.4935, 36.8557



17.6474, 11.4935, 23.4810

Rectangle

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



14.2783, 11.4935, 2.2765



8.7081, 11.4935, 1.9996



8.1414, 11.4935, 36.8557



13.4876, 11.4935, 38.7363

Sweetspot

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



14.2786, 11.4941, 2.2767



37.7942, 37.9458, 29.9937



13.3543, 7.1405, 9.6913



8.4512, 8.4209, 6.3412



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.



14.2786, 11.4941, 2.2767



23.6844, 17.2544, 2.0821



20.7147, 24.3665, 4.4221



5.6033, 5.8130, 5.7161



11.7975, 8.7267, 1.0626



0.1345, 0.1269, 0.0174

Inverse Universe

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



8.7191, 8.9810, 27.2602



13.3666, 12.5270, 48.2515



5.7032, 2.9492, 26.2549



5.3527, 5.7013, 6.8471



6.7060, 6.3979, 23.8586



0.0862, 0.1053, 0.2355

Previews

White Background



This preview shows how the XYZ color 14.2783, 11.4935, 2.2765 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 14.2783, 11.4935, 2.2765 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 14.2783, 11.4935, 2.2765

Background



This preview shows how black text looks on a background with the XYZ color 14.2783, 11.4935, 2.2765.



This preview shows how white text looks on a background with the XYZ color 14.2783, 11.4935,

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

14.2783, 11.4935, 2.2765

Protanopia

10.5650, 11.6330, 2.7255

Deuteranopia

11.7274, 11.5876, 2.1488



Tritanopia

15.7141, 11.5731, 8.8027

Trichromacy



Original Color

14.2783, 11.4935, 2.2765

Protanomaly

11.7278, 11.4519, 2.5696

Deuteranomaly

12.5790, 11.5305, 2.1787

Tritanomaly

15.0509, 11.5044, 5.5650

Monochromacy



Original Color

14.2783, 11.4935, 2.2765

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

10.9769, 10.6011, 6.7779

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2783, 11.4935, 2.2765 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(143, 79, 23)` looks like.

```
.text, #text, p{  
    color:rgb(143, 79, 23)  
}
```

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(143, 79, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 79, 23) }
```

Border

The CSS property to change the border of an element to XYZ 14.2783, 11.4935, 2.2765 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(143, 79, 23) }
```


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

```
.border{ border-color:rgb(143, 79, 23) }
```

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

Here you see how a box with a 4 pixel rgb(143, 79, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 79, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 79, 23);  
box-shadow:4px 4px 4px 4px rgb(143, 79,  
23) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2783, 11.4935, 2.2765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 79, 23) }
```

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

```
.background{ background-color: rgb(143, 79,  
23) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor