

Converting Colors

XYZ(11.0573, 14.5422, 22.8451)

Have a look what the booklet for
XYZ(11.0573, 14.5422, 22.8451)
contains.

XYZ(11.0829, 14.5269, 22.9887)	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(11.0829, 14.5269,
22.9887)**

Conversions

Conversions Part 1

Format	Color
Hex	287481
RGB	40, 116, 129
RGB Percent	16%, 45%, 51%
CMY	0.8431, 0.5451, 0.4941
CMYK	0.69, 0.10, 0.00, 0.49
HSL	189°, 53%, 33%
HSV	189°, 69%, 51%
XYZ	11.0829, 14.5269, 22.9887
YIQ	94.7580, -49.4690, -12.0690

Conversions

Conversions Part 2

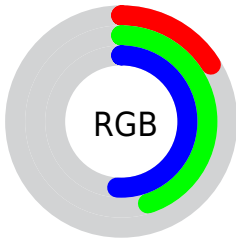
Format	Color
R_{YB}	40, 81, 129
Decimal	2651265
CIE _{Lab}	44.98, -18.57, -13.95
CIE _{LCh}	45, 23.228, 216.926
Yxy	14.5269, 0.2281, 0.2989
Android (android.graphics.Color)	4280841345 (0xFF287481)
YUV	94.7580, 16.8813, -48.0228
Hunter-Lab	38.1142, -14.7953, -9.0811




Details

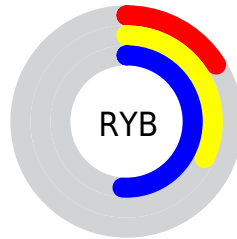
The XYZ color **11.0829, 14.5269, 22.9887** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **10.7097, 7.3669, 2.8654**, and the grayscale version is **10.7893, 11.3512, 12.3615**.




A 20% lighter version of the original color is **27.3759, 33.9240, 49.3611**, and **3.5151, 4.7134, 8.3139** is the 20% darker color. If you saturate the color by 10%, you get **10.4479, 13.8806, 22.8977**, and if you desaturate by 10%, it is **11.8907, 15.2694, 23.0897**.

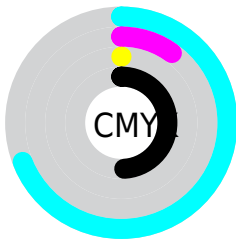
Distribution







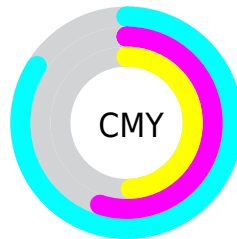
-  Red (16%)
-  Green (45%)
-  Blue (51%)






-  Red (16%)
-  Yellow (32%)
-  Blue (51%)



-  Cyan (69%)
-  Magenta (10%)
-  Yellow (0%)
-  Black (49%)



-  Cyan (84%)
-  Magenta (55%)
-  Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0829, 14.5269, 22.9887 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 11.0829, 14.5269, 22.9887 by changing the saturation by 10% instead.

■ 11.0829, 14.5269,
22.9887

■ 11.0829, 14.5269,
22.9887

■ 192.1320,
220.4845, 280.7870

■ 6.1903, 8.4880,
14.3799

■ 27.4450, 34.0211,
49.2977

■ 3.0029, 4.4088,
8.2436

■ 39.6451, 48.2451,
67.8351

■ 1.1553, 1.9048,
4.1612

■ 55.0119, 65.9664,
90.5191

■ 0.0706, 0.5512,
1.7142

■ 73.9106, 87.5693,
117.7682

■ 0.0000, 0.0000,
0.3704

■ 96.7066, 113.4381,
150.0010

■ 0.0000, 0.0000,
0.0000

■ 123.7653,

143.9574, 187.6360

155.4520,
179.5114, 231.0919

■ 11.0829, 14.5269,
22.9887

■ 11.0829, 14.5269,
22.9887

■ 10.4479, 13.8806,
22.8977

■ 11.8907, 15.2694,
23.0897

■ 9.9668, 13.3200,
22.8148

■ 12.8850, 16.1142,
23.2004

■ 9.5925, 12.8208,
22.7382

■ 14.0796, 17.0690,
23.3217

■ 9.5556, 12.7712,
22.7306

■ 15.4867, 18.1400,
23.4543

■ 17.1175, 19.3329,
23.5986

■ 18.9822, 20.6532,
23.7551

■ 21.0908, 22.1059,
23.9244

■ 23.4522, 23.6958,
24.1068

■ 26.0752, 25.4274,
24.3028

Harmonies

Analogous

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



10.4830, 14.5269, 17.1154



11.0829, 14.5269, 22.9887



12.4218, 14.5269, 27.5556

Triad

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



11.0829, 14.5269, 22.9887



17.4564, 14.5269, 20.2922



13.3707, 14.5269, 7.5258

Complementary

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



11.0829, 14.5269, 22.9887



10.7097, 7.3669, 2.8654

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.



15.2923, 14.5269, 7.9999



11.0829, 14.5269, 22.9887



17.7694, 14.5269, 14.5866

Square

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



11.0829, 14.5269, 22.9887



16.1254, 14.5269, 25.7655



16.9453, 14.5269, 10.3179



11.7229, 14.5269, 8.8295

Rectangle

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



11.0829, 14.5269, 22.9887



13.6120, 14.5269, 28.7653



16.9453, 14.5269, 10.3179



14.0046, 14.5269, 7.4884

Sweetspot

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



11.0834, 14.5274, 22.9891



29.8836, 34.0647, 42.1926



9.3425, 16.3987, 5.9064



6.6114, 7.5993, 9.5367



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



11.0834, 14.5274, 22.9891



18.1654, 24.2414, 40.9141



7.1965, 6.7537, 21.6934



4.3946, 4.7832, 5.5049



9.3190, 12.4565, 22.1631



0.0000, 0.0000, 0.0000

Inverse Universe

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



12.9648, 7.4461, 17.2775



21.9794, 11.3524, 29.0071



13.6530, 13.2536, 3.8465



4.4720, 4.4020, 5.2901



11.5808, 5.6520, 14.9140



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 11.0829, 14.5269, 22.9887 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 11.0829, 14.5269, 22.9887 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 11.0829, 14.5269, 22.9887

Background



This preview shows how black text looks on a background with the XYZ color 11.0829, 14.5269, 22.9887.

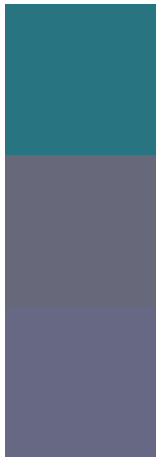


This preview shows how white text looks on a background with the XYZ color 11.0829, 14.5269,

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

11.0829, 14.5269, 22.9887

Protanopia

14.1579, 14.3919, 20.4441

Deuteranopia

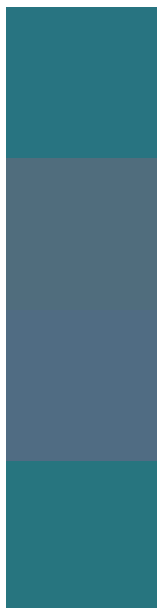
14.7087, 14.4501, 23.8437



Tritanopia

10.9265, 14.6410, 21.9888

Trichromacy



Original Color

11.0829, 14.5269, 22.9887

Protanomaly

12.4786, 14.1234, 21.4704

Deuteranomaly

12.7676, 14.0693, 23.5155

Tritanomaly

11.0288, 14.6862, 22.3321

Monochromacy



Original Color

11.0829, 14.5269, 22.9887

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

10.4057, 12.2579, 15.7275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0829, 14.5269, 22.9887 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(40, 116, 129)` looks like.

```
.text, #text, p{  
    color:rgb(40, 116, 129)  
}
```

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(40, 116, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 116, 129) }
```

Border

The CSS property to change the border of an element to XYZ 11.0829, 14.5269, 22.9887 is called "border". The border property can be set on classes, ids or directly on the HTML element.

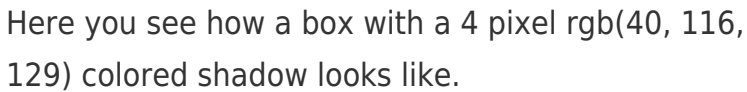
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(40, 116, 129) }
```


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

```
.border{ border-color:rgb(40, 116, 129) }
```

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



Here you see how a box with a 4 pixel `rgb(40, 116, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(40, 116, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(40, 116, 129); box-shadow:4px 4px 4px 4px rgb(40, 116, 129) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0829, 14.5269, 22.9887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 116, 129) }
```

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

```
.background{ background-color: rgb(40, 116,  
129) }
```

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