

Converting Colors

XYZ(14.6526, 20.4541, 27.1061)

Have a look what the booklet for
XYZ(14.6526, 20.4541, 27.1061)
contains.

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Color

**XYZ(14.7146, 20.5474,
27.2353)**

Conversions

Conversions Part 1

Format	Color
Hex	2C8A8A
RGB	44, 138, 138
RGB Percent	17%, 54%, 54%
CMY	0.8274, 0.4588, 0.4588
CMYK	0.68, 0.00, 0.00, 0.46
HSL	180°, 52%, 36%
HSV	180°, 68%, 54%
XYZ	14.7146, 20.5474, 27.2353
YIQ	109.8940, -56.0240, -19.9280

Conversions

Conversions Part 2

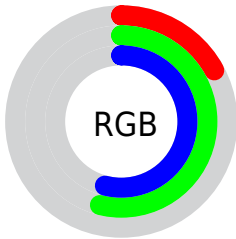
Format	Color
RYB	44, 91, 138
Decimal	2919050
CIELab	52.45, -26.57, -8.00
CIELCh	52, 27.746, 196.750
Yxy	20.5474, 0.2354, 0.3288
Android (android.graphics.Color)	4281109130 (0xFF2C8A8A)
YUV	109.8940, 13.8563, -57.7890
Hunter-Lab	45.3292, -21.3822, -3.8929

Details

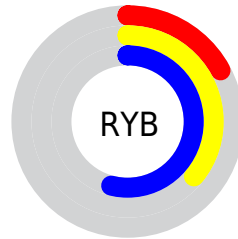
The XYZ color **14.7146, 20.5474, 27.2353** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **11.8372, 7.3870, 3.1854**, and the grayscale version is **14.7643, 15.5332, 16.9157**.

A 20% lighter version of the original color is **33.9625, 44.4039, 56.0710**, and **5.1696, 7.5210, 10.4117** is the 20% darker color. If you saturate the color by 10%, you get **14.2177, 20.2917, 27.2124**, and if you desaturate by 10%, it is **15.4099, 20.9063, 27.2684**.

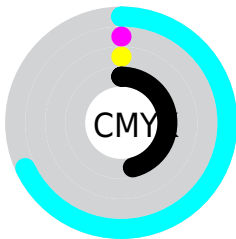
Distribution



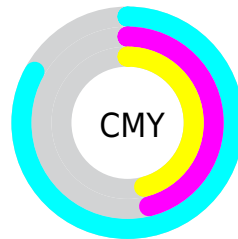
- Red (17%)
- Green (54%)
- Blue (54%)



- Red (17%)
- Yellow (36%)
- Blue (54%)



- Cyan (68%)
- Magenta (0%)
- Yellow (0%)
- Black (46%)



- Cyan (83%)
- Magenta (46%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7146, 20.5474, 27.2353 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 14.7146, 20.5474, 27.2353 by changing the saturation by 10% instead.

■ 14.7146, 20.5474,
27.2353

■ 14.7146, 20.5474,
27.2353

■ 215.0550,
254.8633, 302.5907

■ 8.7043, 12.7936,
17.5160

■ 33.9275, 44.3331,
56.2695

■ 4.6044, 7.2866,
10.4372

■ 47.8609, 61.1337,
76.4216

■ 2.0494, 3.6419,
5.5804

■ 65.1660, 81.7187,
100.8883

■ 0.6615, 1.4754,
2.5271

■ 86.2081, 106.4725,
130.0882

■ 0.0000, 0.2713,
0.8544

■ 111.3528,
135.7794, 164.4399

■ 0.0000, 0.0000,
0.0000

■ 140.9653,

170.0239, 204.3618

175.4109,
209.5904, 250.2726

■ 14.7146, 20.5474,
27.2353

■ 14.7146, 20.5474,
27.2353

■ 14.2177, 20.2917,
27.2124

■ 15.4099, 20.9063,
27.2684

■ 13.8969, 20.1263,
27.1974

■ 16.3195, 21.3752,
27.3110

■ 13.7089, 20.0294,
27.1885

■ 17.4596, 21.9629,
27.3644

■ 13.6763, 20.0126,
27.1870

■ 18.8444, 22.6769,
27.4293

■ 20.4871, 23.5237,
27.5062

■ 22.3999, 24.5098,
27.5958

■ 24.5940, 25.6409,
27.6986

■ 27.0803, 26.9226,
27.8150

■ 29.8689, 28.3602,
27.9455

Harmonies

Analogous

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



14.6426, 20.5474, 18.9474



14.7146, 20.5474, 27.2353



15.9926, 20.5474, 35.9463

Triad

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



14.7146, 20.5474, 27.2353



23.8240, 20.5474, 35.0195



20.8199, 20.5474, 10.2600

Complementary

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



14.7146, 20.5474, 27.2353



11.8372, 7.3870, 3.1854

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.



23.5533, 20.5474, 12.7351



14.7146, 20.5474, 27.2353



25.3986, 20.5474, 26.1876

Square

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



14.7146, 20.5474, 27.2353



21.1610, 20.5474, 41.1393



25.2950, 20.5474, 18.1262



17.9844, 20.5474, 10.4091

Rectangle

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



14.7146, 20.5474, 27.2353



17.4345, 20.5474, 40.2277



25.2950, 20.5474, 18.1262



21.7863, 20.5474, 10.7809

Sweetspot

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



14.7152, 20.5482, 27.2358



35.3993, 41.0964, 48.4496



10.6510, 18.9304, 5.4759



7.7790, 9.1347, 10.8595



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



14.7152, 20.5482, 27.2358



24.7058, 35.5837, 47.9484



9.5032, 10.1240, 25.4989



5.1728, 5.6886, 6.4312



12.5388, 18.3481, 24.9258



0.0833, 0.1219, 0.1656

Inverse Universe

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



11.8372, 7.3870, 3.1854



19.2576, 10.6693, 2.4203



14.5451, 12.8030, 4.0879



5.0329, 5.0486, 5.2616



9.6098, 4.9541, 0.4498



0.0638, 0.0329, 0.0030

Previews

White Background



This preview shows how the XYZ color 14.7146, 20.5474, 27.2353 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 14.7146, 20.5474, 27.2353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

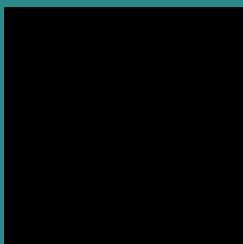
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

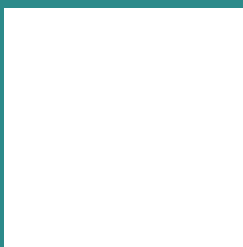
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.7146, 20.5474, 27.2353

Background



This preview shows how black text looks on a background with the XYZ color 14.7146, 20.5474, 27.2353.



This preview shows how white text looks on a background with the XYZ color 14.7146, 20.5474,

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

14.7146, 20.5474, 27.2353

Protanopia

19.6275, 20.3603, 23.6643

Deuteranopia

20.6219, 20.2169, 28.4065



Tritanopia

15.5576, 20.6824, 31.1891

Trichromacy



Original Color

14.7146, 20.5474, 27.2353

Protanomaly

16.8390, 19.8533, 24.7743

Deuteranomaly

17.3269, 19.6432, 28.0776

Tritanomaly

15.1520, 20.5093, 29.5456

Monochromacy



Original Color

14.7146, 20.5474, 27.2353

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

13.9444, 16.7674, 20.2708

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7146, 20.5474, 27.2353 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(44, 138, 138)` looks like.

```
.text, #text, p{  
    color:rgb(44, 138, 138)  
}
```

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(44, 138, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 138, 138) }
```

Border

The CSS property to change the border of an element to XYZ 14.7146, 20.5474, 27.2353 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(44, 138, 138) }
```


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

```
.border{ border-color:rgb(44, 138, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 138, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 138, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 138, 138);  
box-shadow:4px 4px 4px 4px rgb(44, 138,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7146, 20.5474, 27.2353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 138, 138) }
```

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

```
.background{ background-color: rgb(44, 138,  
138) }
```

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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