

Converting Colors

XYZ(14.2899, 21.4953, 18.4240)

Have a look what the booklet for
XYZ(14.2899, 21.4953, 18.4240)
contains.

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Color

**XYZ(14.2296, 21.3636,
18.4125)**

Conversions

Conversions Part 1

Format	Color
Hex	398E6F
RGB	57, 142, 111
RGB Percent	22%, 56%, 44%
CMY	0.7765, 0.4431, 0.5647
CMYK	0.60, 0.00, 0.22, 0.44
HSL	158°, 43%, 39%
HSV	158°, 60%, 56%
XYZ	14.2296, 21.3636, 18.4125
YIQ	113.0510, -40.7090, -27.6610

Conversions

Conversions Part 2

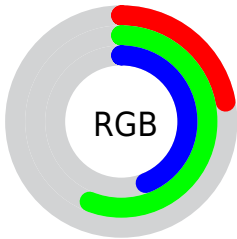
Format	Color
R_{YB}	57, 109, 142
Decimal	3772015
CIE _{Lab}	53.35, -33.41, 8.96
CIE _{LCh}	53, 34.589, 164.982
Yxy	21.3636, 0.2635, 0.3956
Android (android.graphics.Color)	4281962095 (0xFF398E6F)
YUV	113.0510, -1.0111, -49.1567
Hunter-Lab	46.2208, -25.9331, 8.7358

Details

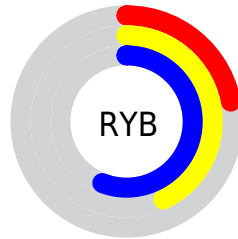
The XYZ color **14.2296, 21.3636, 18.4125** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **14.3806, 9.3822, 10.2864**, and the grayscale version is **15.7232, 16.5421, 18.0143**.

A 20% lighter version of the original color is **33.0329, 45.5689, 41.7050**, and **4.6383, 7.8411, 5.9716** is the 20% darker color. If you saturate the color by 10%, you get **13.2537, 20.8930, 16.9214**, and if you desaturate by 10%, it is **15.4497, 21.9592, 20.0023**.

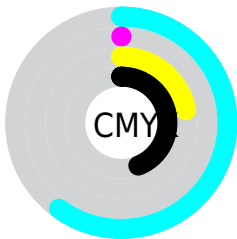
Distribution



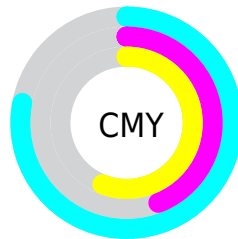
- Red (22%)
- Green (56%)
- Blue (44%)



- Red (22%)
- Yellow (43%)
- Blue (56%)



- Cyan (60%)
- Magenta (0%)
- Yellow (22%)
- Black (44%)



- Cyan (78%)
- Magenta (44%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2296, 21.3636, 18.4125 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 14.2296, 21.3636, 18.4125 by changing the saturation by 10% instead.

■ 14.2296, 21.3636,
18.4125

■ 14.2296, 21.3636,
18.4125

212.1367,
259.2046, 255.4997

■ 8.3633, 13.3900,
11.0740

■ 33.0787, 45.6919,
41.5624

■ 4.3820, 7.6977,
6.0019

■ 46.7923, 62.8154,
58.2108

■ 1.9205, 3.9021,
2.7774

■ 63.8523, 83.7577,
78.7998

■ 0.5887, 1.6190,
0.9821

■ 84.6241, 108.9031,
103.7476

■ 0.0000, 0.3703,
0.0000

■ 109.4731,
138.6362, 133.4730

■ 0.0000, 0.0000,
0.0000

138.7646,

173.3411, 168.3945

172.8640,
213.4025, 208.9305

■ 14.2296, 21.3636,
18.4125

■ 14.2296, 21.3636,
18.4125

■ 13.2537, 20.8930,
16.9214

■ 15.4497, 21.9592,
20.0023

■ 12.5004, 20.5348,
15.5251

■ 16.9297, 22.6863,
21.6916

■ 11.9475, 20.2781,
14.2217

■ 18.6859, 23.5539,
23.4829

■ 11.5335, 20.0911,
13.0066

■ 20.7329, 24.5693,
25.3783

■ 11.5279, 20.0886,
12.9899

■ 23.0840, 25.7395,
27.3797

■ 25.7520, 27.0709,
29.4891

■ 28.7486, 28.5697,
31.7082

■ 32.0851, 30.2416,
34.0388

■ 35.7723, 32.0922,
36.4826

Harmonies

Analogous

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



15.7189, 21.3636, 11.7043



14.2296, 21.3636, 18.4125



14.2287, 21.3636, 28.8806

Triad

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



14.2296, 21.3636, 18.4125



22.1829, 21.3636, 48.7214



25.7108, 21.3636, 11.7098

Complementary

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



14.2296, 21.3636, 18.4125



14.3806, 9.3822, 10.2864

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.



27.9046, 21.3636, 18.4228



14.2296, 21.3636, 18.4125



25.7072, 21.3636, 40.6625

Square

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



14.2296, 21.3636, 18.4125



18.5331, 21.3636, 48.7161



27.9033, 21.3636, 28.8944



22.1874, 21.3636, 8.7033

Rectangle

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



14.2296, 21.3636, 18.4125



15.0601, 21.3636, 36.8618



27.9033, 21.3636, 28.8944



26.6460, 21.3636, 13.5004

Sweetspot

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



14.2302, 21.3645, 18.4130



37.1399, 43.6127, 45.2624



14.4525, 21.7252, 7.3029



8.0702, 9.6291, 9.9102



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



14.2302, 21.3645, 18.4130



22.8439, 36.5897, 28.9231



14.6421, 18.9669, 28.4815



5.4779, 6.0834, 6.4826



10.3589, 18.0394, 11.7101



0.1097, 0.1767, 0.1679

Inverse Universe

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



14.3806, 9.3822, 10.2864



23.1552, 13.4573, 13.3378



13.9819, 10.2214, 5.1072



5.4851, 5.4546, 6.0526



10.5764, 5.3876, 3.4206



0.1110, 0.0555, 0.0850

Previews

White Background



This preview shows how the XYZ color 14.2296, 21.3636, 18.4125 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 14.2296, 21.3636, 18.4125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

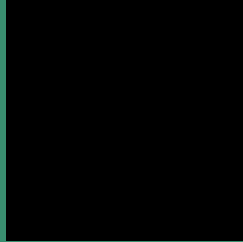
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.2296, 21.3636, 18.4125

Background



This preview shows how black text looks on a background with the XYZ color 14.2296, 21.3636, 18.4125.



This preview shows how white text looks on a background with the XYZ color 14.2296, 21.3636,

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

14.2296, 21.3636, 18.4125

Protanopia

19.7406, 20.9693, 15.8390

Deuteranopia

21.3817, 20.9965, 19.1454



Tritanopia

16.8167, 21.3315, 31.2480

Trichromacy



Original Color

14.2296, 21.3636, 18.4125

Protanomaly

16.7966, 20.6073, 16.7280

Deuteranomaly

17.5696, 20.3602, 18.9235

Tritanomaly

15.7858, 21.3383, 26.2084

Monochromacy



Original Color

14.2296, 21.3636, 18.4125

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

14.6465, 17.9123, 18.0147

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2296, 21.3636, 18.4125 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(57, 142, 111)` looks like.

```
.text, #text, p{  
    color:rgb(57, 142, 111)  
}
```

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(57, 142, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 142, 111) }
```

Border

The CSS property to change the border of an element to XYZ 14.2296, 21.3636, 18.4125 is called "border". The border property can be set on classes, ids or directly on the HTML element.

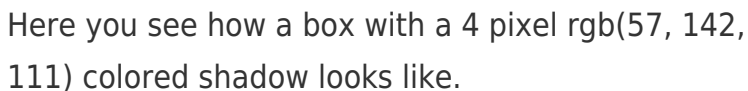
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(57, 142, 111) }
```


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

```
.border{ border-color:rgb(57, 142, 111) }
```

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



Here you see how a box with a 4 pixel `rgb(57, 142, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(57, 142, 111); -webkit-box-shadow:4px 4px 4px 4px rgb(57, 142, 111); box-shadow:4px 4px 4px 4px rgb(57, 142, 111) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2296, 21.3636, 18.4125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 142, 111) }
```

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

```
.background{ background-color: rgb(57, 142,  
111) }
```

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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