

Converting Colors

XYZ(14.4039, 21.7675, 18.7366)

Have a look what the booklet for
XYZ(14.4039, 21.7675, 18.7366)
contains.

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Color

**XYZ(14.3226, 21.6270,
18.7488)**

Conversions

Conversions Part 1

Format	Color
Hex	378F70
RGB	55, 143, 112
RGB Percent	22%, 56%, 44%
CMY	0.7843, 0.4392, 0.5608
CMYK	0.62, 0.00, 0.22, 0.44
HSL	159°, 44%, 39%
HSV	159°, 62%, 56%
XYZ	14.3226, 21.6270, 18.7488
YIQ	113.1540, -42.4970, -28.2970

Conversions

Conversions Part 2

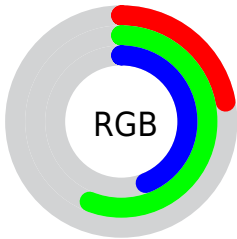
Format	Color
R_{YB}	55, 108, 143
Decimal	3641200
CIE Lab	53.63, -34.05, 8.78
CIE LCh	54, 35.168, 165.538
Yxy	21.6270, 0.2618, 0.3954
Android (android.graphics.Color)	4281831280 (0xFF378F70)
YUV	113.1540, -0.5689, -51.0011
Hunter-Lab	46.5048, -26.4089, 8.6501

Details

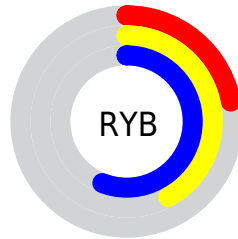
The XYZ color **14.3226, 21.6270, 18.7488** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **14.3742, 9.2443, 9.8314**, and the grayscale version is **15.7529, 16.5732, 18.0483**.

A 20% lighter version of the original color is **33.2226, 45.9923, 42.2484**, and **4.7526, 8.0245, 6.1489** is the 20% darker color. If you saturate the color by 10%, you get **13.3774, 21.1718, 17.2814**, and if you desaturate by 10%, it is **15.5117, 22.2073, 20.3105**.

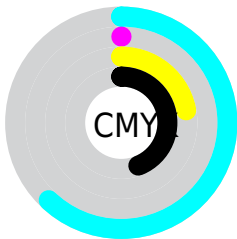
Distribution



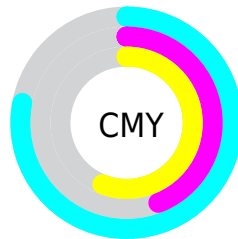
- Red (22%)
- Green (56%)
- Blue (44%)



- Red (22%)
- Yellow (42%)
- Blue (56%)



- Cyan (62%)
- Magenta (0%)
- Yellow (22%)
- Black (44%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3226, 21.6270, 18.7488 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 14.3226, 21.6270, 18.7488 by changing the saturation by 10% instead.

■ 14.3226, 21.6270,
18.7488

■ 14.3226, 21.6270,
18.7488

212.6993,
260.5921, 257.4348

■ 8.4286, 13.5831,
11.3139

■ 33.2419, 46.1287,
42.1402

■ 4.4245, 7.8313,
6.1616

■ 46.9978, 63.3553,
58.9339

■ 1.9450, 3.9872,
2.8732

■ 64.1051, 84.4116,
79.6842

■ 0.6028, 1.6664,
1.0303

■ 84.9291, 109.6820,
104.8097

■ 0.0000, 0.4018,
0.0000

■ 109.8352,
139.5508, 134.7290

■ 0.0000, 0.0000,
0.0000

139.1886,

174.4025, 169.8606

173.3549,
214.6215, 210.6230

■ 14.3226, 21.6270,
18.7488

■ 14.3226, 21.6270,
18.7488

■ 13.3774, 21.1718,
17.2814

■ 15.5117, 22.2073,
20.3105

■ 12.6538, 20.8285,
15.9045

■ 16.9611, 22.9193,
21.9672

■ 12.1283, 20.5856,
14.6161

■ 18.6876, 23.7722,
23.7214

■ 11.7821, 20.4294,
13.5914

■ 20.7060, 24.7739,
25.5750

■ 23.0304, 25.9313,
27.5298

■ 25.6735, 27.2510,
29.5878

■ 28.6476, 28.7394,
31.7505

■ 31.9642, 30.4024,
34.0197

■ 35.6341, 32.2455,
36.3970

Harmonies

Analogous

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



15.8177, 21.6270, 11.8236



14.3226, 21.6270, 18.7488



14.3502, 21.6270, 29.5384

Triad

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



14.3226, 21.6270, 18.7488



22.5530, 21.6270, 49.6436



26.0440, 21.6270, 11.6507

Complementary

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



14.3226, 21.6270, 18.7488



14.3742, 9.2443, 9.8314

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.



28.3333, 21.6270, 18.4280



14.3226, 21.6270, 18.7488



26.1566, 21.6270, 41.2212

Square

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



14.3226, 21.6270, 18.7488



18.8035, 21.6270, 49.8092



28.3769, 21.6270, 29.1036



22.4137, 21.6270, 8.6558

Rectangle

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



14.3226, 21.6270, 18.7488



15.2186, 21.6270, 37.7415



28.3769, 21.6270, 29.1036



27.0144, 21.6270, 13.4512

Sweetspot

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



14.3232, 21.6279, 18.7493



38.3339, 44.9882, 46.8847



14.4681, 21.9608, 7.0909



8.5485, 10.1963, 10.5424



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.



14.3232, 21.6279, 18.7493



23.3885, 37.6432, 29.9349



14.6863, 19.1005, 28.9004



5.4807, 6.0845, 6.4970



10.4273, 18.0668, 12.0704



0.1102, 0.1769, 0.1706

Inverse Universe

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



14.3742, 9.2443, 9.8314



23.5137, 13.4663, 12.6512



14.0092, 10.0986, 4.8255



5.4825, 5.4535, 6.0386



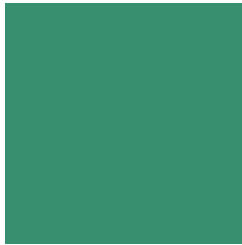
10.5413, 5.3736, 3.2360



0.1105, 0.0553, 0.0822

Previews

White Background



This preview shows how the XYZ color 14.3226, 21.6270, 18.7488 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 14.3226, 21.6270, 18.7488 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 14.3226, 21.6270, 18.7488

Background



This preview shows how black text looks on a background with the XYZ color 14.3226, 21.6270, 18.7488.



This preview shows how white text looks on a background with the XYZ color 14.3226, 21.6270,

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

14.3226, 21.6270, 18.7488

Protanopia

20.0797, 21.3291, 16.1553

Deuteranopia

21.7369, 21.3562, 19.4995



Tritanopia

16.8972, 21.5758, 31.7077

Trichromacy



Original Color

14.3226, 21.6270, 18.7488

Protanomaly

16.9852, 20.9008, 17.0490

Deuteranomaly

17.7592, 20.6478, 19.2691

Tritanomaly

15.8719, 21.5905, 26.6234

Monochromacy



Original Color

14.3226, 21.6270, 18.7488

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

14.6019, 17.8829, 18.3049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3226, 21.6270, 18.7488 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(55, 143, 112)` looks like.

```
.text, #text, p{  
    color:rgb(55, 143, 112)  
}
```

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(55, 143, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 143, 112) }
```

Border

The CSS property to change the border of an element to XYZ 14.3226, 21.6270, 18.7488 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(55, 143, 112) }
```


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

```
.border{ border-color:rgb(55, 143, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 143, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 143, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 143, 112);  
box-shadow:4px 4px 4px 4px rgb(55, 143,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3226, 21.6270, 18.7488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 143, 112) }
```

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

```
.background{ background-color: rgb(55, 143,  
112) }
```

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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