

Converting Colors

XYZ(17.1717, 22.6405, 29.0282)

Have a look what the booklet for
XYZ(17.1717, 22.6405, 29.0282)
contains.

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Color

**XYZ(17.1540, 22.6386,
29.0568)**

Conversions

Conversions Part 1

Format	Color
Hex	478E8E
RGB	71, 142, 142
RGB Percent	28%, 56%, 56%
CMY	0.7216, 0.4431, 0.4431
CMYK	0.50, 0.00, 0.00, 0.44
HSL	180°, 33%, 42%
HSV	180°, 50%, 56%
XYZ	17.1540, 22.6386, 29.0568
YIQ	120.7710, -42.3160, -15.0520

Conversions

Conversions Part 2

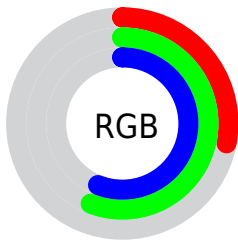
Format	Color
R _Y B	71, 107, 142
Decimal	4689550
CIE Lab	54.70, -22.17, -6.87
CIE LCh	55, 23.212, 197.216
Yxy	22.6386, 0.2492, 0.3288
Android (android.graphics.Color)	4282879630 (0xFF478E8E)
YUV	120.7710, 10.4659, -43.6492
Hunter-Lab	47.5800, -18.9106, -2.9020

Details

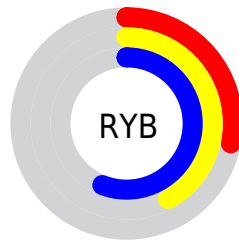
The XYZ color **17.1540, 22.6386, 29.0568** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **14.5466, 10.7128, 7.2630**, and the grayscale version is **18.0777, 19.0192, 20.7119**.

A 20% lighter version of the original color is **38.1612, 47.8254, 59.4445**, and **5.7229, 8.2807, 11.4219** is the 20% darker color. If you saturate the color by 10%, you get **16.2320, 22.1638, 29.0140**, and if you desaturate by 10%, it is **18.3207, 23.2406, 29.1120**.

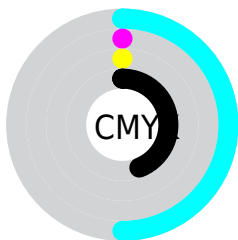
Distribution



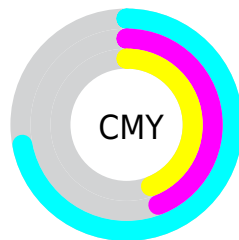
- Red (28%)
- Green (56%)
- Blue (56%)



- Red (28%)
- Yellow (42%)
- Blue (56%)



- Cyan (50%)
- Magenta (0%)
- Yellow (0%)
- Black (44%)



- Cyan (72%)
- Magenta (44%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1540, 22.6386, 29.0568 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 17.1540, 22.6386, 29.0568 by changing the saturation by 10% instead.

■ 17.1540, 22.6386,
29.0568

■ 17.1540, 22.6386,
29.0568

229.1973,
265.8633, 311.5522

■ 10.4403, 14.3269,
18.8778

■ 38.1319, 47.7992,
59.2106

■ 5.7564, 8.3484,
11.4061

■ 53.1268, 65.4169,
80.0225

■ 2.7368, 4.3187,
6.2231

■ 71.6128, 86.9054,
105.2158

■ 1.0161, 1.8534,
2.9102

■ 93.9553, 112.6490,
135.2090

■ 0.0000, 0.5201,
1.0490

■ 120.5197,
143.0323, 170.4207

■ 0.0000, 0.0000,
0.0000

151.6712,

178.4395, 211.2695

187.7753,
219.2550, 258.1738

■ 17.1540, 22.6386,
29.0568

■ 17.1540, 22.6386,
29.0568

■ 16.2320, 22.1638,
29.0140

■ 18.3207, 23.2406,
29.1120

■ 15.5356, 21.8048,
28.9813

■ 19.7457, 23.9752,
29.1788

■ 15.0458, 21.5523,
28.9583

■ 21.4440, 24.8507,
29.2584

■ 14.7401, 21.3947,
28.9439

■ 23.4286, 25.8738,
29.3514

■ 14.5559, 21.2997,
28.9352

■ 25.7121, 27.0510,
29.4584

■ 14.5558, 21.2997,
28.9352

■ 28.3059, 28.3881,
29.5799

■ 31.2212, 29.8910,
29.7164

■ 34.4685, 31.5650,
29.8685

■ 38.0576, 33.4153,
30.0366

Harmonies

Analogous

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



17.0695, 22.6386, 21.6630



17.1540, 22.6386, 29.0568



18.3473, 22.6386, 36.4964

Triad

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



17.1540, 22.6386, 29.0568



25.3315, 22.6386, 35.5052



22.6238, 22.6386, 13.3091

Complementary

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



17.1540, 22.6386, 29.0568



14.5466, 10.7128, 7.2630

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.



25.0329, 22.6386, 15.6916



17.1540, 22.6386, 29.0568



26.6775, 22.6386, 27.8988

Square

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



17.1540, 22.6386, 29.0568



23.0057, 22.6386, 40.6958



26.5641, 22.6386, 20.7122



20.0946, 22.6386, 13.4968

Rectangle

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



17.1540, 22.6386, 29.0568



19.6687, 22.6386, 40.0457



26.5641, 22.6386, 20.7122



23.4782, 22.6386, 13.8124

Sweetspot

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



17.1547, 22.6395, 29.0573



39.3892, 44.6328, 51.6665



13.4972, 21.1866, 9.3397



8.6561, 9.8959, 11.5332



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.



17.1547, 22.6395, 29.0573



28.4482, 38.9926, 51.1536



12.8109, 13.9518, 27.6099



5.5603, 6.1163, 6.9163



13.0685, 19.1233, 25.9785



0.1249, 0.1828, 0.2484

Inverse Universe

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



14.5466, 10.7128, 7.2630



23.3003, 15.4511, 8.1348



17.3773, 16.3743, 8.2064



5.4089, 5.4241, 5.6513



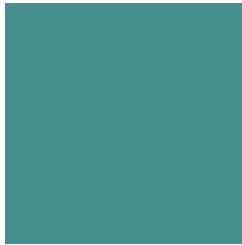
10.0158, 5.1634, 0.4688



0.0958, 0.0494, 0.0045

Previews

White Background



This preview shows how the XYZ color 17.1540, 22.6386, 29.0568 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 17.1540, 22.6386, 29.0568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

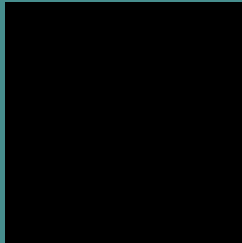
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.1540, 22.6386, 29.0568

Background



This preview shows how black text looks on a background with the XYZ color 17.1540, 22.6386, 29.0568.



This preview shows how white text looks on a background with the XYZ color 17.1540, 22.6386,

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

17.1540, 22.6386, 29.0568

Protanopia

21.5134, 22.2470, 25.7145

Deuteranopia

22.8535, 22.4573, 29.9182



Tritanopia

17.8696, 22.4790, 33.1028

Trichromacy



Original Color

17.1540, 22.6386, 29.0568

Protanomaly

19.3471, 22.1075, 26.9144

Deuteranomaly

19.9674, 21.9609, 29.5720

Tritanomaly

17.6178, 22.6043, 31.4515

Monochromacy



Original Color

17.1540, 22.6386, 29.0568

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

17.4062, 20.1691, 23.7445

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1540, 22.6386, 29.0568 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(71, 142, 142)` looks like.

```
.text, #text, p{  
    color:rgb(71, 142, 142)  
}
```

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(71, 142, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 142, 142) }
```

Border

The CSS property to change the border of an element to XYZ 17.1540, 22.6386, 29.0568 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(71, 142, 142) }
```


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

```
.border{ border-color:rgb(71, 142, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 142, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 142, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 142, 142);  
box-shadow:4px 4px 4px 4px rgb(71, 142,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1540, 22.6386, 29.0568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 142, 142) }
```

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

```
.background{ background-color: rgb(71, 142,  
142) }
```

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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