

Converting Colors

XYZ(17.9111, 23.6677, 28.1141)

Have a look what the booklet for
XYZ(17.9111, 23.6677, 28.1141)
contains.

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Color

**XYZ(17.9275, 23.7346,
28.0625)**

Conversions

Conversions Part 1

Format	Color
Hex	4E918B
RGB	78, 145, 139
RGB Percent	31%, 57%, 55%
CMY	0.6941, 0.4314, 0.4549
CMYK	0.46, 0.00, 0.04, 0.43
HSL	175°, 30%, 44%
HSV	175°, 46%, 57%
XYZ	17.9275, 23.7346, 28.0625
YIQ	124.2830, -38.0060, -16.0700

Conversions

Conversions Part 2

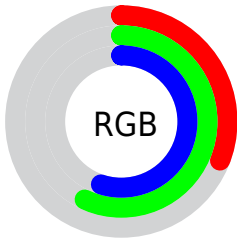
Format	Color
R_{YB}	78, 113, 145
Decimal	5149067
CIE _{Lab}	55.82, -22.83, -3.45
CIE _{LCh}	56, 23.087, 188.590
Yxy	23.7346, 0.2571, 0.3404
Android (android.graphics.Color)	4283339147 (0xFF4E918B)
YUV	124.2830, 7.2555, -40.5902
Hunter-Lab	48.7182, -19.5717, -0.0493

Details

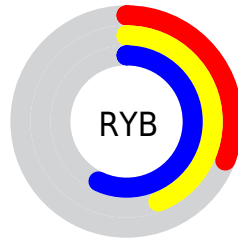
The XYZ color **17.9275, 23.7346, 28.0625** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.0025, 12.1093, 9.8823**, and the grayscale version is **19.2388, 20.2407, 22.0421**.

A 20% lighter version of the original color is **39.2979, 49.4779, 57.3481**, and **6.1151, 8.8861, 10.8441** is the 20% darker color. If you saturate the color by 10%, you get **16.7739, 23.1514, 27.5165**, and if you desaturate by 10%, it is **19.3456, 24.4552, 28.6278**.

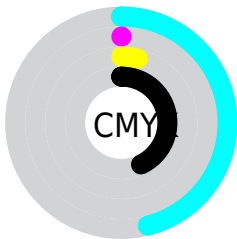
Distribution



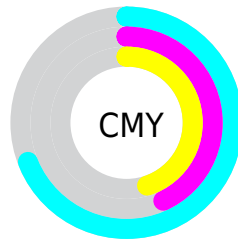
- Red (31%)
- Green (57%)
- Blue (55%)



- Red (31%)
- Yellow (44%)
- Blue (57%)



- Cyan (46%)
- Magenta (0%)
- Yellow (4%)
- Black (43%)



- Cyan (69%)
- Magenta (43%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9275, 23.7346, 28.0625 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 17.9275, 23.7346, 28.0625 by changing the saturation by 10% instead.

■ 17.9275, 23.7346,
28.0625

■ 17.9275, 23.7346,
28.0625

233.5156,
271.4759, 306.6868

■ 10.9973, 15.1369,
18.1333

■ 39.4448, 49.5968,
57.6085

■ 6.1323, 8.9155,
10.8753

■ 54.7626, 67.6300,
78.0624

■ 2.9671, 4.6861,
5.8699

■ 73.6071, 89.5771,
102.8617

■ 1.1364, 2.0643,
2.6986

■ 96.3434, 115.8226,
132.4248

■ 0.0552, 0.6444,
0.9427

■ 123.3371,
146.7509, 167.1703

■ 0.0000, 0.0000,
0.0000

154.9535,

182.7462, 207.5168

191.5578,
224.1931, 253.8828

■ 17.9275, 23.7346,
28.0625

■ 17.9275, 23.7346,
28.0625

■ 16.7739, 23.1514,
27.5165

■ 19.3456, 24.4552,
28.6278

■ 15.8652, 22.6937,
26.9873

■ 21.0420, 25.3186,
29.2115

■ 15.1827, 22.3525,
26.4746

■ 23.0319, 26.3331,
29.8149

■ 14.7039, 22.1162,
25.9772

■ 25.3288, 27.5058,
30.4386

■ 14.3943, 21.9670,
25.4935

■ 27.9456, 28.8432,
31.0832

■ 14.2916, 21.9179,
25.3122

■ 30.8941, 30.3515,
31.7493

■ 34.1857, 32.0366,
32.4375

■ 37.8313, 33.9040,
33.1483

■ 41.8413, 35.9592,
33.8822

Harmonies

Analogous

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



18.1789, 23.7346, 20.9174



17.9275, 23.7346, 28.0625



18.8395, 23.7346, 35.9479

Triad

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



17.9275, 23.7346, 28.0625



25.8558, 23.7346, 38.8675



24.4520, 23.7346, 14.5866

Complementary

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



17.9275, 23.7346, 28.0625



16.0025, 12.1093, 9.8823

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.



26.7384, 23.7346, 17.8349



17.9275, 23.7346, 28.0625



27.5916, 23.7346, 31.4867

Square

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



17.9275, 23.7346, 28.0625



23.3213, 23.7346, 42.9320



27.9265, 23.7346, 23.7436



21.8136, 23.7346, 14.0235

Rectangle

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



17.9275, 23.7346, 28.0625



20.0296, 23.7346, 40.2463



27.9265, 23.7346, 23.7436



25.2929, 23.7346, 15.3655

Sweetspot

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



17.9282, 23.7355, 28.0631



41.9892, 47.5366, 53.6030



15.2204, 22.7191, 10.7913



9.1732, 10.4894, 11.8770



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.



17.9282, 23.7355, 28.0631



30.0493, 41.4646, 49.2818



14.7555, 16.6689, 29.2288



5.5397, 6.1081, 6.8080



12.2628, 18.8010, 21.7360



0.1212, 0.1813, 0.2286

Inverse Universe

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



16.0025, 12.1093, 9.8823



26.1836, 18.0761, 12.7485



18.0843, 16.6331, 9.4656



5.4273, 5.4314, 5.7481



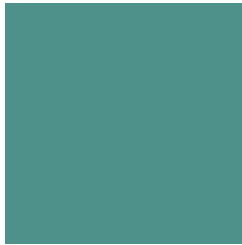
10.0828, 5.1902, 0.8216



0.0995, 0.0509, 0.0243

Previews

White Background



This preview shows how the XYZ color 17.9275, 23.7346, 28.0625 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 17.9275, 23.7346, 28.0625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

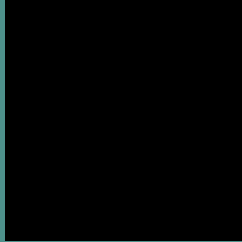
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.9275, 23.7346, 28.0625

Background



This preview shows how black text looks on a background with the XYZ color 17.9275, 23.7346, 28.0625.



This preview shows how white text looks on a background with the XYZ color 17.9275, 23.7346,

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

17.9275, 23.7346, 28.0625

Protanopia

22.5695, 23.4027, 25.1574

Deuteranopia

23.8881, 23.4043, 28.8496



Tritanopia

19.2225, 23.8170, 34.1559

Trichromacy



Original Color

17.9275, 23.7346, 28.0625

Protanomaly

20.3891, 23.2854, 26.3416

Deuteranomaly

21.0794, 23.1730, 28.5611

Tritanomaly

18.7914, 23.8658, 32.0499

Monochromacy



Original Color

17.9275, 23.7346, 28.0625

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.2771, 21.2133, 23.9001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9275, 23.7346, 28.0625 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(78, 145, 139)` looks like.

```
.text, #text, p{  
    color:rgb(78, 145, 139)  
}
```

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(78, 145, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 145, 139) }
```

Border

The CSS property to change the border of an element to XYZ 17.9275, 23.7346, 28.0625 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(78, 145, 139) }
```


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

```
.border{ border-color:rgb(78, 145, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 145, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 145, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 145, 139);  
box-shadow:4px 4px 4px 4px rgb(78, 145,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9275, 23.7346, 28.0625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 145, 139) }
```

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

```
.background{ background-color: rgb(78, 145,  
139) }
```

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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