

Converting Colors

XYZ(14.0762, 17.0678, 23.4618)

Have a look what the booklet for
XYZ(14.0762, 17.0678, 23.4618)
contains.

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Color

**XYZ(14.0639, 17.1237,
23.3328)**

Conversions

Conversions Part 1

Format	Color
Hex	4E7A81
RGB	78, 122, 129
RGB Percent	31%, 48%, 51%
CMY	0.6941, 0.5216, 0.4941
CMYK	0.40, 0.05, 0.00, 0.49
HSL	188°, 25%, 41%
HSV	188°, 40%, 51%
XYZ	14.0639, 17.1237, 23.3328
YIQ	109.6420, -28.4710, -7.1510

Conversions

Conversions Part 2

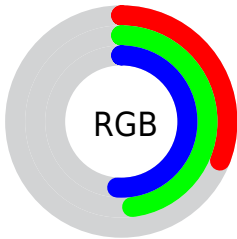
Format	Color
R_{YB}	78, 102, 129
Decimal	5143169
CIE _{Lab}	48.42, -13.19, -8.62
CIE _{LCh}	48, 15.761, 213.164
Yxy	17.1237, 0.2580, 0.3141
Android (android.graphics.Color)	4283333249 (0xFF4E7A81)
YUV	109.6420, 9.5435, -27.7500
Hunter-Lab	41.3808, -11.7504, -4.4645

Details

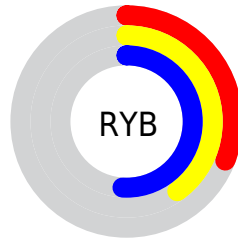
The XYZ color **14.0639, 17.1237, 23.3328** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **13.6773, 11.7146, 8.7486**, and the grayscale version is **14.6984, 15.4639, 16.8402**.

A 20% lighter version of the original color is **32.7855, 38.3953, 49.9390**, and **4.3094, 5.5912, 8.4415** is the 20% darker color. If you saturate the color by 10%, you get **12.8937, 16.2010, 23.2167**, and if you desaturate by 10%, it is **15.4465, 18.1625, 23.4607**.

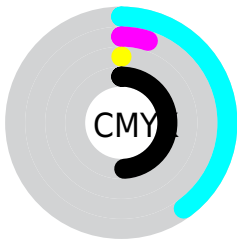
Distribution



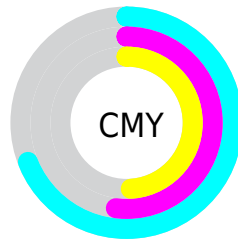
- Red (31%)
- Green (48%)
- Blue (51%)



- Red (31%)
- Yellow (40%)
- Blue (51%)



- Cyan (40%)
- Magenta (5%)
- Yellow (0%)
- Black (49%)



- Cyan (69%)
- Magenta (52%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0639, 17.1237, 23.3328 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 14.0639, 17.1237, 23.3328 by changing the saturation by 10% instead.

■ 14.0639, 17.1237,
23.3328

■ 14.0639, 17.1237,
23.3328

211.1307,
235.8842, 282.6069

■ 8.2471, 10.3227,
14.6318

■ 32.7877, 38.5383,
49.8693

■ 4.3066, 5.6135,
8.4177

■ 46.4254, 53.9208,
68.5419

■ 1.8770, 2.6115,
4.2718

■ 63.4008, 72.9325,
91.3755

■ 0.5634, 0.9324,
1.7756

■ 84.0793, 95.9579,
118.7886

■ 0.0000, 0.0000,
0.4118

■ 108.8261,
123.3814, 151.1998

■ 0.0000, 0.0000,
0.0000

138.0067,

155.5874, 189.0275

171.9865,
192.9602, 232.6903

■ 14.0639, 17.1237,
23.3328

■ 14.0639, 17.1237,
23.3328

■ 12.8937, 16.2010,
23.2167

■ 15.4465, 18.1625,
23.4607

■ 11.9220, 15.3862,
23.1106

■ 17.0511, 19.3213,
23.5998

■ 11.1360, 14.6729,
23.0144

■ 18.8887, 20.6061,
23.7510

■ 10.5205, 14.0533,
22.9272

■ 20.9690, 22.0220,
23.9146

■ 10.0579, 13.5182,
22.8483

■ 23.3011, 23.5738,
24.0912

■ 9.6960, 13.0408,
22.7752

■ 25.8939, 25.2659,
24.2812

■ 9.6794, 13.0188,
22.7719

■ 28.7555, 27.1027,
24.4849

■ 31.8938, 29.0883,
24.7027

■ 35.3165, 31.2265,
24.9351

Harmonies

Analogous

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



13.6620, 17.1237, 19.0863



14.0639, 17.1237, 23.3328



15.0561, 17.1237, 26.6624

Triad

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



14.0639, 17.1237, 23.3328



18.8761, 17.1237, 22.4627



16.1231, 17.1237, 11.7891

Complementary

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



14.0639, 17.1237, 23.3328



13.6773, 11.7146, 8.7486

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.



17.5591, 17.1237, 12.4210



14.0639, 17.1237, 23.3328



19.2028, 17.1237, 18.2102

Square

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



14.0639, 17.1237, 23.3328



17.8393, 17.1237, 26.1102



18.7077, 17.1237, 14.6310



14.8060, 17.1237, 12.7581

Rectangle

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



14.0639, 17.1237, 23.3328



15.9479, 17.1237, 27.6888



18.7077, 17.1237, 14.6310



16.6077, 17.1237, 11.8218

Sweetspot

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



14.0644, 17.1244, 23.3332



32.8781, 36.2452, 42.4557



12.6244, 17.9733, 11.3572



7.3639, 8.1497, 9.6033



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



14.0644, 17.1244, 23.3332



23.3671, 29.2366, 41.6041



11.3519, 11.6993, 22.4290



4.3977, 4.7894, 5.5059



9.4396, 12.6977, 22.2033



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.2910, 11.5216, 19.8309



25.9252, 17.9852, 34.2026



16.0372, 16.4344, 9.5352



4.4736, 4.4026, 5.2983



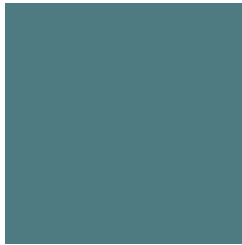
11.6416, 5.6763, 15.2345



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.0639, 17.1237, 23.3328 looks on a white 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

Black Background



This preview shows how the XYZ color 14.0639, 17.1237, 23.3328 looks on a black 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

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

XYZ 14.0639, 17.1237, 23.3328

Background



This preview shows how black text looks on a background with the XYZ color 14.0639, 17.1237, 23.3328.



This preview shows how white text looks on a background with the XYZ color 14.0639, 17.1237,

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

14.0639, 17.1237, 23.3328

Protanopia

16.5948, 17.0673, 21.4885

Deuteranopia

17.3621, 17.0786, 23.8541



Tritanopia

14.2807, 17.2200, 24.0439

Trichromacy



Original Color

14.0639, 17.1237, 23.3328

Protanomaly

15.4940, 16.9956, 22.2025

Deuteranomaly

15.8682, 16.9861, 23.5614

Tritanomaly

14.2132, 17.1930, 23.6886

Monochromacy



Original Color

14.0639, 17.1237, 23.3328

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.2652, 15.9157, 19.1498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0639, 17.1237, 23.3328 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, 122, 129)` looks like.

```
.text, #text, p{  
    color:rgb(78, 122, 129)  
}
```

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, 122, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 122, 129) }
```

Border

The CSS property to change the border of an element to XYZ 14.0639, 17.1237, 23.3328 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, 122, 129) }
```


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

```
.border{ border-color:rgb(78, 122, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 122, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 122, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 122, 129);  
box-shadow:4px 4px 4px 4px rgb(78, 122,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0639, 17.1237, 23.3328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 122, 129) }
```

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

```
.background{ background-color: rgb(78, 122,  
129) }
```

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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