

Converting Colors

XYZ(5.7936, 8.7564, 17.1423)

Have a look what the booklet for
XYZ(5.7936, 8.7564, 17.1423)
contains.

XYZ(7.0728, 9.3767, 17.0599)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(7.0728, 9.3767,
17.0599)**

Conversions

Conversions Part 1

Format	Color
Hex	005F71
RGB	0, 95, 113
RGB Percent	0%, 37%, 44%
CMY	1.0000, 0.6274, 0.5569
CMYK	1.00, 0.16, 0.00, 0.56
HSL	190°, 100%, 22%
HSV	190°, 100%, 44%
XYZ	7.0728, 9.3767, 17.0599
YIQ	68.6470, -62.3980, -14.5420

Conversions

Conversions Part 2

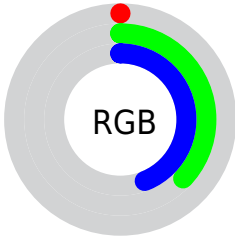
Format	Color
RYB	0, 52, 113
Decimal	24433
CIELab	36.70, -16.85, -16.96
CIElCh	37, 23.904, 225.191
Yxy	9.3767, 0.2111, 0.2798
Android (android.graphics.Color)	4278214513 (0xFF005F71)
YUV	68.6470, 21.8660, -60.2034
Hunter-Lab	30.6214, -12.3583, -11.5969

Details

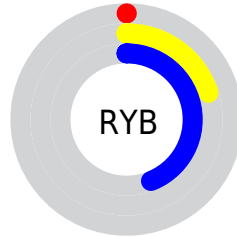
The XYZ color **7.0728, 9.3767, 17.0599** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7.0266, 3.9435, 0.3910**, and the grayscale version is **5.5724, 5.8626, 6.3843**.

A 20% lighter version of the original color is **19.8945, 24.7302, 39.3222**, and **2.0524, 2.5783, 5.3905** is the 20% darker color. If you saturate the color by 10%, you get **7.0729, 9.3768, 17.0601**, and if you desaturate by 10%, it is **7.3792, 9.7783, 17.1215**.

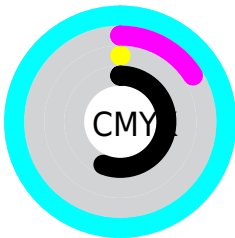
Distribution



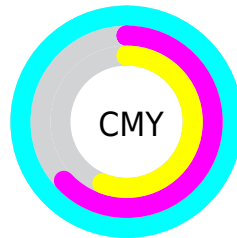
- Red (0%)
- Green (37%)
- Blue (44%)



- Red (0%)
- Yellow (20%)
- Blue (44%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (56%)



- Cyan (100%)
- Magenta (63%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 7.0728, 9.3767, 17.0599 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 7.0728, 9.3767, 17.0599 by changing the saturation by 10% instead.

7.0728, 9.3767,
17.0599

7.0728, 9.3767,
17.0599

162.7988,
186.1637, 247.5730

3.5544, 4.9877,
10.1148

19.8228, 24.6163,
39.2208

1.4533, 2.2400,
5.3685

29.7851, 36.2358,
55.2737

0.2937, 0.7417,
2.4026

42.6261, 51.0341,
75.1996

0.0000, 0.0000,
0.7879

58.7111, 69.3958,
99.4170

0.0000, 0.0000,
0.0000

78.4056, 91.7052,
128.3445

102.0747,

118.3468, 162.4006

130.0840,
149.7048, 202.0039

7.0728, 9.3767,
17.0599

7.0728, 9.3767,
17.0599

7.0729, 9.3768,
17.0601

7.3792, 9.7783,
17.1215

7.7493, 10.2182,
17.1869

8.2331, 10.7224,
17.2587

8.8432, 11.2973,
17.3375

9.5905, 11.9487,
17.4238

■ 10.4847, 12.6815,
17.5181

■ 11.5346, 13.5004,
17.6209

■ 12.7484, 14.4095,
17.7324

■ 14.1334, 15.4129,
17.8530

Harmonies

Analogous

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



6.4634, 9.3767, 12.4700



7.0728, 9.3767, 17.0599



8.2123, 9.3767, 20.1494

Triad

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



7.0728, 9.3767, 17.0599



11.9186, 9.3767, 12.4109



8.1951, 9.3767, 4.2405

Complementary

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



7.0728, 9.3767, 17.0599



7.0266, 3.9435, 0.3910

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.



9.6509, 9.3767, 4.2327



7.0728, 9.3767, 17.0599



11.9127, 9.3767, 8.2404

Square

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



7.0728, 9.3767, 17.0599



11.0612, 9.3767, 17.0065



11.0459, 9.3767, 5.4934



7.0614, 9.3767, 5.5186

Rectangle

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



7.0728, 9.3767, 17.0599



9.1693, 9.3767, 20.5208



11.0459, 9.3767, 5.4934



8.6601, 9.3767, 4.1036

Sweetspot

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



7.0731, 9.3770, 17.0601



20.4921, 24.0503, 31.5376



6.0061, 11.8508, 2.4994



4.5938, 5.4499, 7.2796



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



7.0731, 9.3770, 17.0601



12.5878, 16.6359, 30.5231



3.7246, 2.6800, 15.9440



3.4320, 3.7292, 4.2931



8.0114, 10.6131, 19.3479



39.3861, 51.8242, 96.2063

Inverse Universe

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



8.8758, 4.3371, 11.1962



15.8544, 7.7505, 19.8424



9.2226, 8.3355, 1.1230



3.4927, 3.4448, 4.1212



10.0621, 4.9172, 12.6689



49.8603, 24.3894, 61.7216

Previews

White Background



This preview shows how the XYZ color 7.0728, 9.3767, 17.0599 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 ✓ Pass

Black Background



This preview shows how the XYZ color 7.0728, 9.3767, 17.0599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

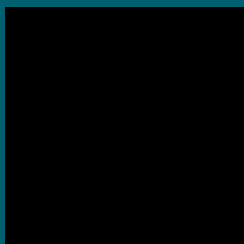
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 7.0728, 9.3767, 17.0599

Background



This preview shows how black text looks on a background with the XYZ color 7.0728, 9.3767, 17.0599.

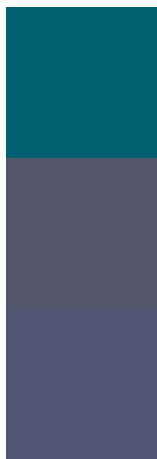


This preview shows how white text looks on a background with the XYZ color 7.0728, 9.3767,

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

7.0728, 9.3767, 17.0599

Protanopia

9.4090, 9.4900, 14.9715

Deuteranopia

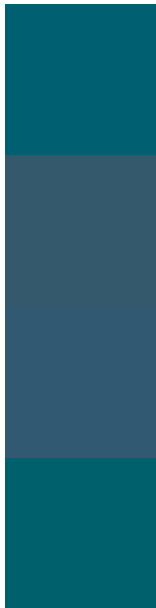
9.5675, 9.3971, 17.5292



Tritanopia

6.6816, 9.3652, 14.5522

Trichromacy



Original Color

7.0728, 9.3767, 17.0599

Protanomaly

7.7489, 8.9789, 15.7927

Deuteranomaly

7.9250, 9.0378, 17.2464

Tritanomaly

6.8367, 9.4273, 15.3692

Monochromacy



Original Color

7.0728, 9.3767, 17.0599

Achromatopsia

5.6565, 5.9511, 6.4808

Achromatomaly

5.4028, 6.6401, 9.5912

CSS Examples

Text

The CSS property to change the color of the text to XYZ 7.0728, 9.3767, 17.0599 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(0, 95, 113)` looks like.

```
.text, #text, p{  
    color:rgb(0, 95, 113)  
}
```

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(0, 95, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 95, 113) }
```

Border

The CSS property to change the border of an element to XYZ 7.0728, 9.3767, 17.0599 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(0, 95, 113) }
```


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

```
.border{ border-color:rgb(0, 95, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 95, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 95, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 95, 113);  
box-shadow:4px 4px 4px 4px rgb(0, 95, 113)  
}
```

Background

The CSS property to change the background color of an element to XYZ 7.0728, 9.3767, 17.0599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 95, 113) }
```

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

```
.background{ background-color: rgb(0, 95,  
113) }
```

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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