

Converting Colors

XYZ(10.1037, 12.6040, 26.8080)

Have a look what the booklet for
XYZ(10.1037, 12.6040, 26.8080)
contains.

XYZ(10.0962, 12.6186, 26.7144)	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(10.0962, 12.6186,
26.7144)**

Conversions

Conversions Part 1

Format	Color
Hex	006C8C
RGB	0, 108, 140
RGB Percent	0%, 42%, 55%
CMY	0.9999, 0.5765, 0.4510
CMYK	1.00, 0.23, 0.00, 0.45
HSL	194°, 100%, 27%
HSV	194°, 100%, 55%
XYZ	10.0962, 12.6186, 26.7144
YIQ	79.3560, -74.6400, -12.9440

Conversions

Conversions Part 2

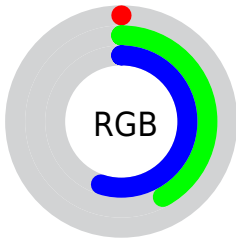
Format	Color
RYB	0, 61, 140
Decimal	27788
CIELab	42.18, -13.99, -24.89
CIELCh	42, 28.553, 240.660
Yxy	12.6186, 0.2043, 0.2553
Android (android.graphics.Color)	4278217868 (0xFF006C8C)
YUV	79.3560, 29.8975, -69.5952
Hunter-Lab	35.5227, -11.4317, -19.7225

Details

The XYZ color **10.0962, 12.6186, 26.7144** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **11.3325, 6.6096, 0.6791**, and the grayscale version is **7.4561, 7.8444, 8.5426**.

A 20% lighter version of the original color is **25.6154, 30.4852, 55.5731**, and **3.5142, 4.0757, 10.2743** is the 20% darker color. If you saturate the color by 10%, you get **10.0959, 12.6179, 26.7145**, and if you desaturate by 10%, it is **10.6216, 13.4000, 26.8378**.

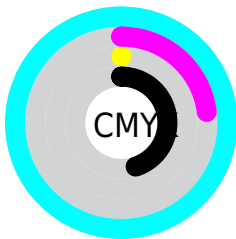
Distribution



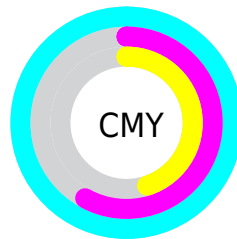
- Red (0%)
- Green (42%)
- Blue (55%)



- Red (0%)
- Yellow (24%)
- Blue (55%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (45%)



- Cyan (100%)
- Magenta (58%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.0962, 12.6186, 26.7144 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 10.0962, 12.6186, 26.7144 by changing the saturation by 10% instead.

■ 10.0962, 12.6186,
26.7144

■ 10.0962, 12.6186,
26.7144

185.3966,
208.4587, 299.9879

■ 5.5255, 7.1664,
17.1283

■ 25.6243, 30.6169,
55.4234

■ 2.5967, 3.5664,
10.1631

■ 37.3125, 43.9318,
75.3834

■ 0.9443, 1.4341,
5.4002

■ 52.1039, 60.6363,
99.6384

■ 0.0000, 0.2417,
2.4211

■ 70.3639, 81.1150,
128.6070

■ 0.0000, 0.0000,
0.7979

■ 92.4578, 105.7522,
162.7077

■ 0.0000, 0.0000,
0.0000

■ 118.7509,

134.9323, 202.3590

149.6088,
169.0396, 247.9796

■ 10.0962, 12.6186,
26.7144

■ 10.0962, 12.6186,
26.7144

■ 10.0959, 12.6179,
26.7145

■ 10.6216, 13.4000,
26.8378

■ 11.2759, 14.2662,
26.9705

■ 12.1211, 15.2496,
27.1158

■ 13.1792, 16.3617,
27.2747

■ 14.4691, 17.6125,
27.4481

■ 16.0074, 19.0107,
27.6369

■ 17.8095, 20.5643,
27.8418

■ 19.8890, 22.2807,
28.0635

■ 22.2590, 24.1666,
28.3026

Harmonies

Analogous

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



8.8035, 12.6186, 20.6327



10.0962, 12.6186, 26.7144



12.0408, 12.6186, 29.1268

Triad

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



10.0962, 12.6186, 26.7144



16.5740, 12.6186, 13.6049



10.0235, 12.6186, 5.9166

Complementary

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



10.0962, 12.6186, 26.7144



11.3325, 6.6096, 0.6791

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.



11.9465, 12.6186, 5.0302



10.0962, 12.6186, 26.7144



15.8739, 12.6186, 8.5831

Square

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



10.0962, 12.6186, 26.7144



15.9309, 12.6186, 20.3273



14.1150, 12.6186, 5.8399



8.7652, 12.6186, 8.7553

Rectangle

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



10.0962, 12.6186, 26.7144



13.4978, 12.6186, 27.9006



14.1150, 12.6186, 5.8399



10.6055, 12.6186, 5.4259

Sweetspot

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



10.0966, 12.6190, 26.7147



31.1785, 36.0698, 49.0618



9.6173, 18.8520, 4.3838



6.9014, 8.0703, 11.2734



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.



10.0966, 12.6190, 26.7147



17.6744, 21.9959, 47.0571



5.4820, 3.3898, 25.1765



5.0775, 5.4980, 6.3995



8.9858, 11.2419, 23.7420



0.0706, 0.0966, 0.1614

Inverse Universe

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



13.5224, 6.6587, 14.7603



23.7765, 11.7133, 25.6883



15.4052, 14.7552, 2.0367



5.1858, 5.1097, 6.0667



12.0224, 5.9191, 13.1542



0.0854, 0.0415, 0.1165

Previews

White Background



This preview shows how the XYZ color 10.0962, 12.6186, 26.7144 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 10.0962, 12.6186, 26.7144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

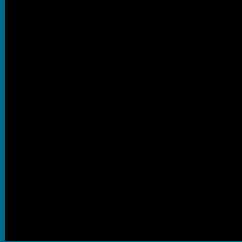
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.0962, 12.6186, 26.7144

Background



This preview shows how black text looks on a background with the XYZ color 10.0962, 12.6186, 26.7144.



This preview shows how white text looks on a background with the XYZ color 10.0962, 12.6186,

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

10.0962, 12.6186, 26.7144

Protanopia

12.7490, 12.5750, 23.5851

Deuteranopia

12.9116, 12.7157, 27.3650



Tritanopia

9.0142, 12.7008, 19.4292

Trichromacy



Original Color

10.0962, 12.6186, 26.7144

Protanomaly

10.8119, 12.1219, 24.6916

Deuteranomaly

11.0273, 12.1827, 26.9696

Tritanomaly

9.4067, 12.6842, 22.0312

Monochromacy



Original Color

10.0962, 12.6186, 26.7144

Achromatopsia

7.4317, 7.8187, 8.5146

Achromatomaly

7.3205, 8.9300, 13.6498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.0962, 12.6186, 26.7144 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, 108, 140)` looks like.

```
.text, #text, p{  
    color:rgb(0, 108, 140)  
}
```

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, 108, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 108, 140) }
```

Border

The CSS property to change the border of an element to XYZ 10.0962, 12.6186, 26.7144 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, 108, 140) }
```


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

```
.border{ border-color:rgb(0, 108, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 108, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 108, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 108, 140);  
box-shadow:4px 4px 4px 4px rgb(0, 108,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 10.0962, 12.6186, 26.7144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 108, 140) }
```

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

```
.background{ background-color: rgb(0, 108,  
140) }
```

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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