

Converting Colors

XYZ(10.1649, 12.5526, 12.7566)

Have a look what the booklet for
XYZ(10.1649, 12.5526, 12.7566)
contains.

XYZ(10.0976, 12.4659, 12.7004)	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(10.0976, 12.4659,
12.7004)**

Conversions

Conversions Part 1

Format	Color
Hex	4C695F
RGB	76, 105, 95
RGB Percent	30%, 41%, 37%
CMY	0.7020, 0.5882, 0.6274
CMYK	0.28, 0.00, 0.10, 0.59
HSL	159°, 16%, 35%
HSV	159°, 28%, 41%
XYZ	10.0976, 12.4659, 12.7004
YIQ	95.1890, -14.0740, -9.2580

Conversions

Conversions Part 2

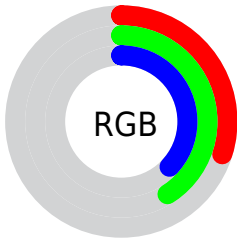
Format	Color
R_{YB}	76, 94, 105
Decimal	5007711
CIE Lab	41.95, -12.96, 2.19
CIE LCh	42, 13.148, 170.415
Yxy	12.4659, 0.2863, 0.3535
Android (android.graphics.Color)	4283197791 (0xFF4C695F)
YUV	95.1890, -0.0932, -16.8288
Hunter-Lab	35.3071, -10.7375, 3.3876

Details

The XYZ color **10.0976, 12.4659, 12.7004** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **10.0903, 8.8443, 9.9799**, and the grayscale version is **10.9254, 11.4944, 12.5174**.

A 20% lighter version of the original color is **25.6035, 30.2569, 31.2788**, and **2.6029, 3.5239, 3.4487** is the 20% darker color. If you saturate the color by 10%, you get **9.1698, 12.0065, 11.8178**, and if you desaturate by 10%, it is **11.1699, 12.9996, 13.6303**.

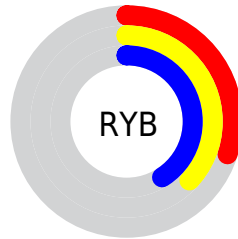
Distribution



Red (30%)

Green (41%)

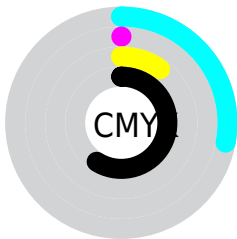
Blue (37%)



Red (30%)

Yellow (37%)

Blue (41%)

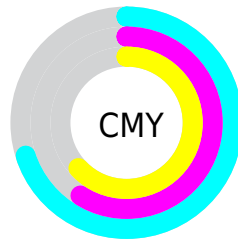


Cyan (28%)

Magenta (0%)

Yellow (10%)

Black (59%)



Cyan (70%)

Magenta (59%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.0976, 12.4659, 12.7004 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 10.0976, 12.4659, 12.7004 by changing the saturation by 10% instead.

■ 10.0976, 12.4659,
12.7004

■ 10.0976, 12.4659,
12.7004

185.4063,
207.4657, 220.1285

■ 5.5265, 7.0618,
7.0943

■ 25.6269, 30.3409,
31.4477

■ 2.5973, 3.5008,
3.4418

■ 37.3158, 43.5805,
45.4260

■ 0.9446, 1.3984,
1.3244

■ 52.1081, 60.2008,
63.0321

■ 0.0000, 0.2156,
0.0817

■ 70.3690, 80.5861,
84.6846

■ 0.0000, 0.0000,
0.0000

■ 92.4639, 105.1209,
110.8019

118.7582,

134.1895, 141.8026

149.6172,
168.1763, 178.1053

■ 10.0976, 12.4659,
12.7004

■ 10.0976, 12.4659,
12.7004

■ 9.1698, 12.0065,
11.8178

■ 11.1699, 12.9996,
13.6303

■ 8.3788, 11.6165,
10.9807

■ 12.3920, 13.6092,
14.6074

■ 7.7177, 11.2925,
10.1886

■ 13.7701, 14.2984,
15.6328

■ 7.1786, 11.0306,
9.4405

■ 15.3098, 15.0699,
16.7073

■ 6.7526, 10.8261,
8.7355

■ 17.0162, 15.9265,
17.8315

■ 6.4295, 10.6739,
8.0724

■ 18.8945, 16.8708,
19.0063

■ 6.1777, 10.5576,
7.4492

■ 20.9495, 17.9051,
20.2324

■ 6.1195, 10.5307,
7.3063

■ 23.1857, 19.0320,
21.5104

■ 25.6077, 20.2536,
22.8410

Harmonies

Analogous

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



10.4642, 12.4659, 10.4369



10.0976, 12.4659, 12.7004



10.1800, 12.4659, 15.5296

Triad

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



10.0976, 12.4659, 12.7004



12.5132, 12.4659, 19.2402



13.0812, 12.4659, 9.8481

Complementary

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



10.0976, 12.4659, 12.7004



10.0903, 8.8443, 9.9799

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.



13.6900, 12.4659, 11.7885



10.0976, 12.4659, 12.7004



13.3498, 12.4659, 17.2822

Square

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



10.0976, 12.4659, 12.7004



11.5396, 12.4659, 19.5724



13.7909, 12.4659, 14.4852



12.1628, 12.4659, 8.9454

Rectangle

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



10.0976, 12.4659, 12.7004



10.4802, 12.4659, 17.3522



13.7909, 12.4659, 14.4852



13.3309, 12.4659, 10.3871

Sweetspot

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



10.0980, 12.4664, 12.7007



22.0471, 24.2973, 26.0459



10.2080, 12.6111, 8.7337



5.1008, 5.6598, 6.0517



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



10.0980, 12.4664, 12.7007



16.9997, 21.7855, 21.7308



10.1504, 11.7965, 15.1072



3.1396, 3.4750, 3.7192



7.7305, 13.3263, 9.1577



38.9701, 67.7351, 44.4511

Inverse Universe

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



10.0903, 8.8443, 9.9799



16.9843, 14.1582, 16.0055



10.0249, 9.3140, 8.1070



3.1388, 3.1324, 3.4615



7.7672, 3.9590, 2.4029



39.2033, 20.0233, 10.2733

Previews

White Background



This preview shows how the XYZ color 10.0976, 12.4659, 12.7004 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 10.0976, 12.4659, 12.7004 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 10.0976, 12.4659, 12.7004

Background



This preview shows how black text looks on a background with the XYZ color 10.0976, 12.4659, 12.7004.



This preview shows how white text looks on a background with the XYZ color 10.0976, 12.4659,

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

10.0976, 12.4659, 12.7004

Protanopia

11.7355, 12.3155, 11.6561

Deuteranopia

12.5566, 12.2987, 13.0213



Tritanopia

10.9439, 12.5105, 16.8769

Trichromacy



Original Color

10.0976, 12.4659, 12.7004

Protanomaly

11.0996, 12.4072, 11.9350

Deuteranomaly

11.5029, 12.3096, 12.8361

Tritanomaly

10.6420, 12.5403, 15.2242

Monochromacy



Original Color

10.0976, 12.4659, 12.7004

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

10.5519, 11.8246, 12.5527

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.0976, 12.4659, 12.7004 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(76, 105, 95)` looks like.

```
.text, #text, p{  
    color:rgb(76, 105, 95)  
}
```

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(76, 105, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 105, 95) }
```

Border

The CSS property to change the border of an element to XYZ 10.0976, 12.4659, 12.7004 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(76, 105, 95) }
```


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

```
.border{ border-color:rgb(76, 105, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 105, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 105, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 105, 95);  
box-shadow:4px 4px 4px 4px rgb(76, 105,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 10.0976, 12.4659, 12.7004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 105, 95) }
```

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

```
.background{ background-color: rgb(76, 105,  
95) }
```

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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