

Converting Colors

XYZ(10.6485, 12.8805, 12.3719)

Have a look what the booklet for
XYZ(10.6485, 12.8805, 12.3719)
contains.

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Color

**XYZ(10.6095, 12.8922,
12.2852)**

Conversions

Conversions Part 1

Format	Color
Hex	526A5D
RGB	82, 106, 93
RGB Percent	32%, 42%, 36%
CMY	0.6784, 0.5843, 0.6353
CMYK	0.23, 0.00, 0.12, 0.58
HSL	147°, 13%, 37%
HSV	147°, 23%, 42%
XYZ	10.6095, 12.8922, 12.2852
YIQ	97.3420, -10.1310, -9.1310

Conversions

Conversions Part 2

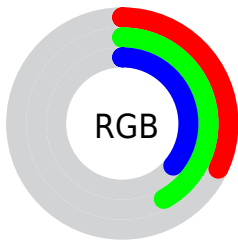
Format	Color
R_{YB}	82, 98, 106
Decimal	5401181
CIE _{Lab}	42.60, -11.84, 4.39
CIE _{LCh}	43, 12.632, 159.654
Yxy	12.8922, 0.2965, 0.3602
Android (android.graphics.Color)	4283591261 (0xFF526A5D)
YUV	97.3420, -2.1406, -13.4549
Hunter-Lab	35.9057, -10.0914, 4.8478

Details

The XYZ color **10.6095, 12.8922, 12.2852** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **11.0272, 9.9253, 12.1616**, and the grayscale version is **11.4536, 12.0501, 13.1226**.

A 20% lighter version of the original color is **26.5306, 31.0026, 30.5724**, and **2.8046, 3.7082, 3.2573** is the 20% darker color. If you saturate the color by 10%, you get **9.5132, 12.3557, 10.9559**, and if you desaturate by 10%, it is **11.8681, 13.5109, 13.7224**.

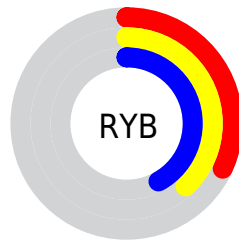
Distribution



Red (32%)

Green (42%)

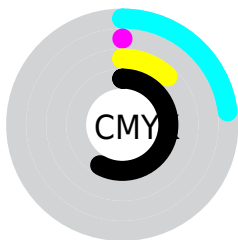
Blue (36%)



Red (32%)

Yellow (38%)

Blue (42%)

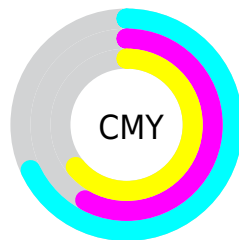


Cyan (23%)

Magenta (0%)

Yellow (12%)

Black (58%)



Cyan (68%)

Magenta (58%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.6095, 12.8922, 12.2852 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 10.6095, 12.8922, 12.2852 by changing the saturation by 10% instead.

■ 10.6095, 12.8922,
12.2852

■ 10.6095, 12.8922,
12.2852

188.9327,
210.2256, 217.3288

■ 5.8703, 7.3544,
6.8133

■ 26.5752, 31.1100,
30.6856

■ 2.8063, 3.6847,
3.2690

■ 38.5323, 44.5587,
44.4512

■ 1.0522, 1.4988,
1.2336

■ 53.6261, 61.4132,
61.8185

■ 0.0000, 0.2879,
0.0064

■ 72.2219, 82.0578,
83.2060

■ 0.0000, 0.0000,
0.0000

■ 94.6852, 106.8770,
109.0323

121.3811,

136.2551, 139.7158

152.6752,
170.5765, 175.6751

■ 10.6095, 12.8922,
12.2852

■ 10.6095, 12.8922,
12.2852

■ 9.5132, 12.3557,
10.9559

■ 11.8681, 13.5109,
13.7224

■ 8.5711, 11.8962,
9.7310

■ 13.2943, 14.2134,
15.2690

■ 7.7762, 11.5104,
8.6084

■ 14.8948, 15.0034,
16.9277

■ 7.1204, 11.1943,
7.5852

■ 16.6753, 15.8839,
18.7006

■ 6.5947, 10.9432,
6.6586

■ 18.6413, 16.8576,
20.5901

■ 6.1890, 10.7521,
5.8257

■ 20.7982, 17.9273,
22.5981

■ 5.8900, 10.6141,
5.0831

■ 23.1510, 19.0955,
24.7268

■ 5.6998, 10.5268,
4.5911

■ 25.7046, 20.3648,
26.9782

■ 28.4638, 21.7375,
29.3543

Harmonies

Analogous

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



11.1175, 12.8922, 10.3614



10.6095, 12.8922, 12.2852



10.5292, 12.8922, 14.9390

Triad

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



10.6095, 12.8922, 12.2852



12.5645, 12.8922, 19.8940



13.7243, 12.8922, 10.9385

Complementary

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



10.6095, 12.8922, 12.2852



11.0272, 9.9253, 12.1616

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.



14.1569, 12.8922, 13.1729



10.6095, 12.8922, 12.2852



13.4647, 12.8922, 18.4938

Square

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



10.6095, 12.8922, 12.2852



11.6255, 12.8922, 19.5753



14.0594, 12.8922, 15.9488



12.9040, 12.8922, 9.6569

Rectangle

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



10.6095, 12.8922, 12.2852



10.7244, 12.8922, 16.8068



14.0594, 12.8922, 15.9488



13.9217, 12.8922, 11.5903

Sweetspot

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



10.6099, 12.8927, 12.2855



22.1545, 24.3640, 25.5370



11.4176, 13.3614, 9.9601



5.1701, 5.6976, 5.9609



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.



10.6099, 12.8927, 12.2855



17.6028, 22.1277, 20.3462



11.1737, 13.1183, 15.2545



3.1163, 3.4657, 3.5963



7.0565, 13.0567, 5.6087



35.5273, 66.3580, 26.3215

Inverse Universe

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



11.0272, 9.9253, 12.1616



18.4694, 15.9645, 20.0883



10.5306, 9.7267, 9.5468



3.1619, 3.1416, 3.5828



8.2889, 4.1677, 5.1498



41.7930, 21.0591, 23.9103

Previews

White Background



This preview shows how the XYZ color 10.6095, 12.8922, 12.2852 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 10.6095, 12.8922, 12.2852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

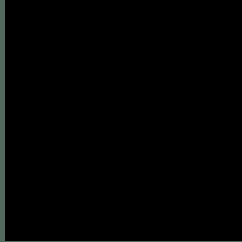
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.6095, 12.8922, 12.2852

Background



This preview shows how black text looks on a background with the XYZ color 10.6095, 12.8922, 12.2852.

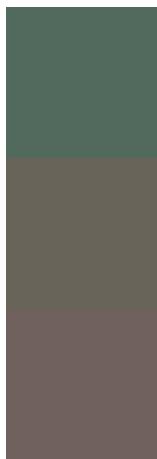


This preview shows how white text looks on a background with the XYZ color 10.6095, 12.8922,

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

10.6095, 12.8922, 12.2852

Protanopia

12.2283, 12.8558, 11.5098

Deuteranopia

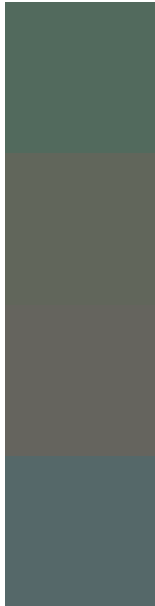
13.0223, 12.8204, 12.6147



Tritanopia

11.6126, 12.8488, 17.1972

Trichromacy



Original Color

10.6095, 12.8922, 12.2852

Protanomaly

11.5695, 12.7995, 11.7583

Deuteranomaly

11.9444, 12.6892, 12.4094

Tritanomaly

11.2464, 12.8518, 15.2525

Monochromacy



Original Color

10.6095, 12.8922, 12.2852

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.0821, 12.2342, 12.8437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.6095, 12.8922, 12.2852 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(82, 106, 93) looks like.

```
.text, #text, p{  
    color:rgb(82, 106, 93)  
}
```

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(82, 106, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 106, 93) }
```

Border

The CSS property to change the border of an element to XYZ 10.6095, 12.8922, 12.2852 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(82, 106, 93) }
```


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

```
.border{ border-color:rgb(82, 106, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 106, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 106, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 106, 93);  
box-shadow:4px 4px 4px 4px rgb(82, 106,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 10.6095, 12.8922, 12.2852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 106, 93) }
```

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

```
.background{ background-color: rgb(82, 106,  
93) }
```

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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