

Converting Colors

XYZ(10.1347, 12.4089, 10.6889)

Have a look what the booklet for
XYZ(10.1347, 12.4089, 10.6889)
contains.

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Color

**XYZ(10.1097, 12.3664,
10.6582)**

Conversions

Conversions Part 1

Format	Color
Hex	526856
RGB	82, 104, 86
RGB Percent	32%, 41%, 34%
CMY	0.6784, 0.5921, 0.6627
CMYK	0.21, 0.00, 0.17, 0.59
HSL	131°, 12%, 36%
HSV	131°, 21%, 41%
XYZ	10.1097, 12.3664, 10.6582
YIQ	95.3700, -7.3340, -10.2620

Conversions

Conversions Part 2

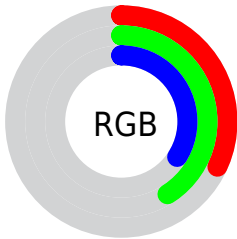
Format	Color
R _Y B	82, 101, 104
Decimal	5400662
CIE Lab	41.79, -12.20, 7.47
CIE LCh	42, 14.308, 148.531
Yxy	12.3664, 0.3051, 0.3732
Android (android.graphics.Color)	4283590742 (0xFF526856)
YUV	95.3700, -4.6194, -11.7255
Hunter-Lab	35.1659, -10.2241, 6.6463

Details

The XYZ color **10.1097, 12.3664, 10.6582** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **11.0269, 9.8980, 13.3865**, and the grayscale version is **10.9783, 11.5501, 12.5780**.

A 20% lighter version of the original color is **25.6810, 30.1258, 27.7539**, and **2.6263, 3.4797, 2.6310** is the 20% darker color. If you saturate the color by 10%, you get **8.9503, 11.8064, 8.9196**, and if you desaturate by 10%, it is **11.4477, 13.0145, 12.6188**.

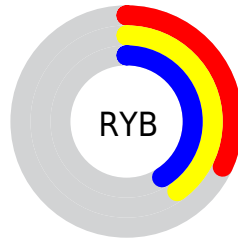
Distribution



Red (32%)

Green (41%)

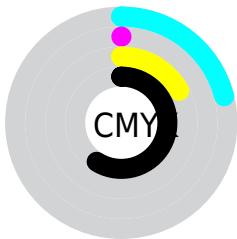
Blue (34%)



Red (32%)

Yellow (40%)

Blue (41%)

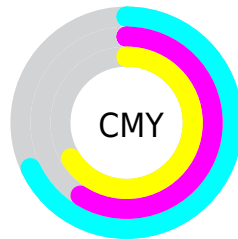


Cyan (21%)

Magenta (0%)

Yellow (17%)

Black (59%)



Cyan (68%)

Magenta (59%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.1097, 12.3664, 10.6582 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 10.1097, 12.3664, 10.6582 by changing the saturation by 10% instead.

■ 10.1097, 12.3664,
10.6582

■ 10.1097, 12.3664,
10.6582

185.4905,
206.8161, 205.9599

■ 5.5346, 6.9937,
5.7262

■ 25.6494, 30.1607,
27.6533

■ 2.6021, 3.4582,
2.6133

■ 37.3448, 43.3511,
40.5535

■ 0.9470, 1.3754,
0.8993

■ 52.1442, 59.9162,
56.9468

■ 0.0000, 0.1985,
0.0000

■ 70.4131, 80.2404,
77.2519

■ 0.0000, 0.0000,
0.0000

■ 92.5168, 104.7081,
101.8872

118.8208,

133.7037, 131.2713

149.6902,
167.6116, 165.8226

■ 10.1097, 12.3664,
10.6582

■ 10.1097, 12.3664,
10.6582

■ 8.9503, 11.8064,
8.9196

■ 11.4477, 13.0145,
12.6188

■ 7.9610, 11.3291,
7.3945

■ 12.9704, 13.7526,
14.8080

■ 7.1339, 10.9311,
6.0747

■ 14.6850, 14.5846,
17.2331

■ 6.4603, 10.6079,
4.9516

■ 16.5977, 15.5136,
19.9010

■ 5.9304, 10.3549,
4.0156

■ 18.7148, 16.5426,
22.8181

■ 5.5335, 10.1667,
3.2566

■ 21.0419, 17.6745,
25.9906

■ 5.2571, 10.0371,
2.6633

■ 23.5848, 18.9120,
29.4247

■ 5.0674, 9.9479,
2.2651

■ 26.3488, 20.2578,
33.1260

■ 29.3390, 21.7145,
37.1003

Harmonies

Analogous

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



10.8128, 12.3664, 8.9848



10.1097, 12.3664, 10.6582



9.8433, 12.3664, 13.3167

Triad

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



10.1097, 12.3664, 10.6582



11.7020, 12.3664, 20.1355



13.6246, 12.3664, 10.8801

Complementary

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



10.1097, 12.3664, 10.6582



11.0269, 9.8980, 13.3865

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.



13.8970, 12.3664, 13.6142



10.1097, 12.3664, 10.6582



12.7480, 12.3664, 19.2308

Square

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



10.1097, 12.3664, 10.6582



10.7280, 12.3664, 19.0428



13.5673, 12.3664, 16.7256



12.8432, 12.3664, 9.0988

Rectangle

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



10.1097, 12.3664, 10.6582



9.9363, 12.3664, 15.3938



13.5673, 12.3664, 16.7256



13.7807, 12.3664, 11.7043

Sweetspot

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



10.1100, 12.3669, 10.6585



21.3737, 23.4571, 24.0016



11.7663, 13.2389, 9.9179



5.1867, 5.7094, 5.8155



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.



10.1100, 12.3669, 10.6585



16.7730, 21.2297, 17.2636



10.5725, 12.5519, 13.0939



2.8157, 3.1500, 3.1307



6.2364, 12.2582, 2.7403



32.2821, 63.8354, 13.0075

Inverse Universe

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



11.0269, 9.8980, 13.3865



18.6677, 16.1264, 22.9000



10.5438, 9.7048, 10.8425



2.9156, 2.8809, 3.4282



9.0527, 4.4340, 10.9416



46.9204, 23.0081, 55.5173

Previews

White Background



This preview shows how the XYZ color 10.1097, 12.3664, 10.6582 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 10.1097, 12.3664, 10.6582 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 10.1097, 12.3664, 10.6582

Background



This preview shows how black text looks on a background with the XYZ color 10.1097, 12.3664, 10.6582.



This preview shows how white text looks on a background with the XYZ color 10.1097, 12.3664,

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

10.1097, 12.3664, 10.6582

Protanopia

11.6379, 12.3030, 9.9449

Deuteranopia

12.5358, 12.3337, 10.9525



Tritanopia

11.2517, 12.3899, 16.2665

Trichromacy



Original Color

10.1097, 12.3664, 10.6582

Protanomaly

10.9813, 12.2412, 10.1715

Deuteranomaly

11.4548, 12.1902, 10.7660

Tritanomaly

10.8466, 12.3736, 14.1286

Monochromacy



Original Color

10.1097, 12.3664, 10.6582

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

10.5159, 11.6817, 11.8258

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.1097, 12.3664, 10.6582 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, 104, 86) looks like.

```
.text, #text, p{  
    color:rgb(82, 104, 86)  
}
```

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, 104, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 104, 86) }
```

Border

The CSS property to change the border of an element to XYZ 10.1097, 12.3664, 10.6582 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, 104, 86) }
```


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

```
.border{ border-color:rgb(82, 104, 86) }
```

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

Here you see how a box with a 4 pixel rgb(82, 104, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 104, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 104, 86);  
box-shadow:4px 4px 4px 4px rgb(82, 104,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 10.1097, 12.3664, 10.6582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 104, 86) }
```

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

```
.background{ background-color: rgb(82, 104,  
86) }
```

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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