

Converting Colors

XYZ(10.6313, 12.7385, 13.8311)

Have a look what the booklet for
XYZ(10.6313, 12.7385, 13.8311)
contains.

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Color

**XYZ(10.6601, 12.7287,
13.9516)**

Conversions

Conversions Part 1

Format	Color
Hex	506964
RGB	80, 105, 100
RGB Percent	31%, 41%, 39%
CMY	0.6863, 0.5882, 0.6078
CMYK	0.24, 0.00, 0.05, 0.59
HSL	168°, 14%, 36%
HSV	168°, 24%, 41%
XYZ	10.6601, 12.7287, 13.9516
YIQ	96.9550, -13.2950, -6.8550

Conversions

Conversions Part 2

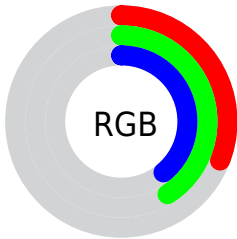
Format	Color
R _Y B	80, 94, 105
Decimal	5269860
CIE Lab	42.35, -10.39, -0.22
CIE LCh	42, 10.392, 181.228
Yxy	12.7287, 0.2855, 0.3409
Android (android.graphics.Color)	4283459940 (0xFF506964)
YUV	96.9550, 1.5012, -14.8695
Hunter-Lab	35.6773, -9.1009, 1.7888

Details

The XYZ color **10.6601, 12.7287, 13.9516** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **10.3345, 9.3969, 9.8640**, and the grayscale version is **11.3503, 11.9414, 13.0042**.

A 20% lighter version of the original color is **26.6803, 30.7571, 33.8087**, and **2.8153, 3.6232, 3.9191** is the 20% darker color. If you saturate the color by 10%, you get **9.7416, 12.2671, 13.3849**, and if you desaturate by 10%, it is **11.7205, 13.2638, 14.5392**.

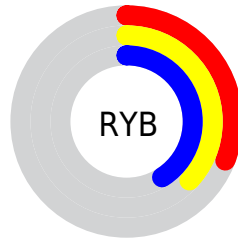
Distribution



Red (31%)

Green (41%)

Blue (39%)



Red (31%)

Yellow (37%)

Blue (41%)

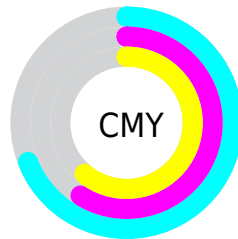


Cyan (24%)

Magenta (0%)

Yellow (5%)

Black (59%)



Cyan (69%)

Magenta (59%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.6601, 12.7287, 13.9516 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 10.6601, 12.7287, 13.9516 by changing the saturation by 10% instead.

■ 10.6601, 12.7287,
13.9516

■ 10.6601, 12.7287,
13.9516

189.2774,
209.1716, 228.3475

■ 5.9044, 7.2420,
7.9486

■ 26.6685, 30.8155,
33.7190

■ 2.8271, 3.6139,
3.9748

■ 38.6518, 44.1844,
48.3206

■ 1.0630, 1.4600,
1.6115

■ 53.7750, 60.9495,
66.6254

■ 0.0000, 0.2603,
0.2990

■ 72.4036, 81.4952,
89.0520

■ 0.0000, 0.0000,
0.0000

■ 94.9027, 106.2058,
116.0190

121.6378,

135.4658, 147.9449

152.9743,
169.6596, 185.2482

■ 10.6601, 12.7287,
13.9516

■ 10.6601, 12.7287,
13.9516

■ 9.7416, 12.2671,
13.3849

■ 11.7205, 13.2638,
14.5392

■ 8.9576, 11.8743,
12.8379

■ 12.9278, 13.8740,
15.1471

■ 8.3014, 11.5470,
12.3102

■ 14.2880, 14.5627,
15.7761

■ 7.7654, 11.2814,
11.8017

■ 15.8064, 15.3326,
16.4265

■ 7.3413, 11.0731,
11.3116

■ 17.4883, 16.1865,
17.0986

■ 7.0195, 10.9174,
10.8395

■ 19.3383, 17.1268,
17.7927

■ 6.7847, 10.8061,
10.3845

■ 21.3613, 18.1559,
18.5093

■ 6.6519, 10.7436,
10.1099

■ 23.5617, 19.2762,
19.2485

■ 25.9438, 20.4898,
20.0107

Harmonies

Analogous

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



10.8308, 12.7287, 11.8933



10.6601, 12.7287, 13.9516



10.8607, 12.7287, 16.2073

Triad

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



10.6601, 12.7287, 13.9516



12.8925, 12.7287, 17.8657



12.8345, 12.7287, 10.4255

Complementary

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



10.6601, 12.7287, 13.9516



10.3345, 9.3969, 9.8640

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.



13.4264, 12.7287, 11.7500



10.6601, 12.7287, 13.9516



13.4609, 12.7287, 16.0310

Square

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



10.6601, 12.7287, 13.9516



12.1304, 12.7287, 18.6117



13.6603, 12.7287, 13.7676



12.0662, 12.7287, 9.9939

Rectangle

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



10.6601, 12.7287, 13.9516



11.1833, 12.7287, 17.4845



13.6603, 12.7287, 13.7676



13.0618, 12.7287, 10.7735

Sweetspot

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



10.6605, 12.7292, 13.9519



22.3845, 24.4560, 26.7483



10.2842, 12.6337, 9.4862



5.2264, 5.7202, 6.2573



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.



10.6605, 12.7292, 13.9519



18.0673, 22.2787, 24.3656



10.2184, 11.4456, 15.0358



3.1571, 3.4820, 3.8113



8.4092, 13.5978, 12.7321



42.5361, 69.1615, 63.2294

Inverse Universe

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



10.3345, 9.3969, 9.8640



17.3664, 15.1051, 15.5694



10.6890, 10.4128, 9.0362



3.1222, 3.1258, 3.3741



7.5359, 3.8665, 1.1844



38.1402, 19.5980, 4.6753

Previews

White Background



This preview shows how the XYZ color 10.6601, 12.7287, 13.9516 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 10.6601, 12.7287, 13.9516 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 10.6601, 12.7287, 13.9516

Background



This preview shows how black text looks on a background with the XYZ color 10.6601, 12.7287, 13.9516.



This preview shows how white text looks on a background with the XYZ color 10.6601, 12.7287,

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

10.6601, 12.7287, 13.9516

Protanopia

12.0990, 12.6115, 13.1058

Deuteranopia

12.8573, 12.6968, 14.3435



Tritanopia

11.2546, 12.6642, 17.1805

Trichromacy



Original Color

10.6601, 12.7287, 13.9516

Protanomaly

11.4744, 12.5689, 13.3765

Deuteranomaly

11.9431, 12.6506, 14.1243

Tritanomaly

11.0504, 12.7327, 16.0626

Monochromacy



Original Color

10.6601, 12.7287, 13.9516

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.0762, 12.2203, 13.3303

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.6601, 12.7287, 13.9516 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(80, 105, 100)` looks like.

```
.text, #text, p{  
    color:rgb(80, 105, 100)  
}
```

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(80, 105, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 105, 100) }
```

Border

The CSS property to change the border of an element to XYZ 10.6601, 12.7287, 13.9516 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(80, 105, 100) }
```


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

```
.border{ border-color:rgb(80, 105, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 105, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 105, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 105, 100);  
box-shadow:4px 4px 4px 4px rgb(80, 105,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 10.6601, 12.7287, 13.9516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 105, 100) }
```

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

```
.background{ background-color: rgb(80, 105,  
100) }
```

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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