

Converting Colors

XYZ(10.7634, 12.6494, 13.1815)

Have a look what the booklet for
XYZ(10.7634, 12.6494, 13.1815)
contains.

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Color

**XYZ(10.7641, 12.6485,
13.1833)**

Conversions

Conversions Part 1

Format	Color
Hex	546861
RGB	84, 104, 97
RGB Percent	33%, 41%, 38%
CMY	0.6706, 0.5921, 0.6196
CMYK	0.19, 0.00, 0.07, 0.59
HSL	159°, 11%, 37%
HSV	159°, 19%, 41%
XYZ	10.7641, 12.6485, 13.1833
YIQ	97.2220, -9.6730, -6.4170

Conversions

Conversions Part 2

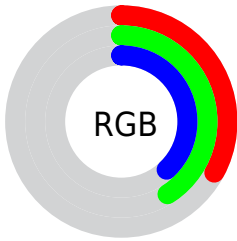
Format	Color
R_{YB}	84, 96, 104
Decimal	5531745
CIE Lab	42.23, -9.08, 1.45
CIE LCh	42, 9.194, 170.916
Yxy	12.6485, 0.2941, 0.3456
Android (android.graphics.Color)	4283721825 (0xFF546861)
YUV	97.2220, -0.1094, -11.5957
Hunter-Lab	35.5647, -8.2131, 2.9174

Details

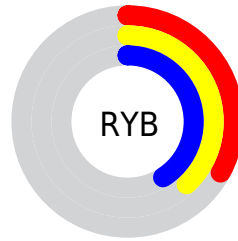
The XYZ color **10.7641, 12.6485, 13.1833** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.7680, 10.0393, 11.2683**, and the grayscale version is **11.4191, 12.0138, 13.0830**.

A 20% lighter version of the original color is **26.8982, 30.6491, 32.5152**, and **2.8600, 3.5773, 3.6717** is the 20% darker color. If you saturate the color by 10%, you get **9.7357, 12.1378, 12.2694**, and if you desaturate by 10%, it is **11.9393, 13.2346, 14.1452**.

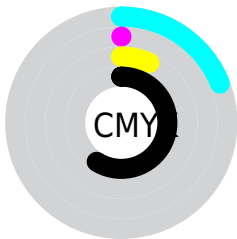
Distribution



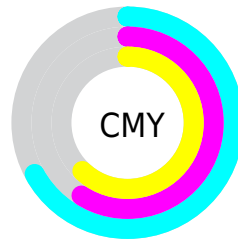
- Red (33%)
- Green (41%)
- Blue (38%)



- Red (33%)
- Yellow (38%)
- Blue (41%)



- Cyan (19%)
- Magenta (0%)
- Yellow (7%)
- Black (59%)



- Cyan (67%)
- Magenta (59%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.7641, 12.6485, 13.1833 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 10.7641, 12.6485, 13.1833 by changing the saturation by 10% instead.

■ 10.7641, 12.6485,
13.1833

■ 10.7641, 12.6485,
13.1833

189.9838,
208.6525, 223.3380

■ 5.9746, 7.1870,
7.4227

■ 26.8600, 30.6708,
32.3287

■ 2.8701, 3.5793,
3.6454

■ 38.8970, 44.0004,
46.5506

■ 1.0855, 1.4411,
1.4329

■ 54.0805, 60.7215,
64.4299

■ 0.0129, 0.2467,
0.1672

■ 72.7760, 81.2184,
86.3853

■ 0.0000, 0.0000,
0.0000

■ 95.3487, 105.8755,
112.8353

122.1640,

135.0773, 144.1984

153.5872,
169.2082, 180.8931

■ 10.7641, 12.6485,
13.1833

■ 10.7641, 12.6485,
13.1833

■ 9.7357, 12.1378,
12.2694

■ 11.9393, 13.2346,
14.1452

■ 8.8468, 11.6979,
11.4020

■ 13.2659, 13.8975,
15.1552

■ 8.0911, 11.3257,
10.5804

■ 14.7499, 14.6407,
16.2143

■ 7.4615, 11.0177,
9.8037

■ 16.3964, 15.4666,
17.3232

■ 6.9501, 10.7697,
9.0710

■ 18.2104, 16.3780,
18.4827

■ 6.5480, 10.5773,
8.3813

■ 20.1966, 17.3772,
19.6935

■ 6.2452, 10.4352,
7.7335

■ 22.3596, 18.4665,
20.9563

■ 6.0001, 10.3221,
7.1251

■ 24.7037, 19.6483,
22.2717

■ 5.9817, 10.3135,
7.0799

■ 27.2332, 20.9246,
23.6405

Harmonies

Analogous

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



11.0254, 12.6485, 11.5218



10.7641, 12.6485, 13.1833



10.8297, 12.6485, 15.1674

Triad

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



10.7641, 12.6485, 13.1833



12.4998, 12.6485, 17.6172



12.8743, 12.6485, 11.0390

Complementary

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



10.7641, 12.6485, 13.1833



10.7680, 10.0393, 11.2683

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.



13.2988, 12.6485, 12.4650



10.7641, 12.6485, 13.1833



13.0769, 12.6485, 16.2978

Square

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



10.7641, 12.6485, 13.1833



11.8146, 12.6485, 17.8562



13.3743, 12.6485, 14.3781



12.2318, 12.6485, 10.3636

Rectangle

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



10.7641, 12.6485, 13.1833



11.0511, 12.6485, 16.4017



13.3743, 12.6485, 14.3781



13.0482, 12.6485, 11.4397

Sweetspot

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



10.7645, 12.6490, 13.1836



21.6296, 23.5595, 25.3491



10.8982, 12.7824, 10.2805



5.2533, 5.7360, 6.1661



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.



10.7645, 12.6490, 13.1836



18.0566, 21.7789, 22.4101



10.8413, 12.2570, 14.8918



2.8650, 3.1697, 3.3904



7.3580, 12.7068, 8.6466



37.9509, 66.1029, 42.8589

Inverse Universe

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



10.7680, 10.0393, 11.2683



18.0642, 16.3137, 18.4004



10.6908, 10.3460, 9.8211



2.8654, 2.8608, 3.1635



7.4233, 3.7823, 2.3613



38.3356, 19.5742, 10.3105

Previews

White Background



This preview shows how the XYZ color 10.7641, 12.6485, 13.1833 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 10.7641, 12.6485, 13.1833 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 10.7641, 12.6485, 13.1833

Background



This preview shows how black text looks on a background with the XYZ color 10.7641, 12.6485, 13.1833.



This preview shows how white text looks on a background with the XYZ color 10.7641, 12.6485,

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

10.7641, 12.6485, 13.1833

Protanopia

11.9617, 12.5566, 12.3829

Deuteranopia

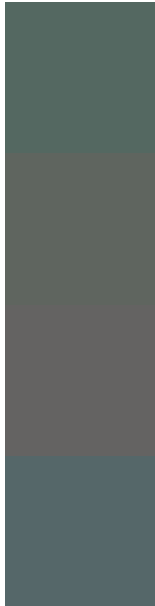
12.7417, 12.5178, 13.5490



Tritanopia

11.4036, 12.6070, 16.5842

Trichromacy



Original Color

10.7641, 12.6485, 13.1833

Protanomaly

11.4386, 12.5665, 12.6492

Deuteranomaly

11.9220, 12.5148, 13.3425

Tritanomaly

11.1464, 12.6517, 15.2191

Monochromacy



Original Color

10.7641, 12.6485, 13.1833

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.1285, 12.2527, 13.0877

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.7641, 12.6485, 13.1833 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(84, 104, 97) looks like.

```
.text, #text, p{  
    color:rgb(84, 104, 97)  
}
```

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(84, 104, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 104, 97) }
```

Border

The CSS property to change the border of an element to XYZ 10.7641, 12.6485, 13.1833 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(84, 104, 97) }
```


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

```
.border{ border-color:rgb(84, 104, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 104, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 104, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 104, 97);  
box-shadow:4px 4px 4px 4px rgb(84, 104,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 10.7641, 12.6485, 13.1833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 104, 97) }
```

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

```
.background{ background-color: rgb(84, 104,  
97) }
```

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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