

Converting Colors

XYZ(10.8093, 12.1694, 14.0973)

Have a look what the booklet for
XYZ(10.8093, 12.1694, 14.0973)
contains.

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Color

**XYZ(10.8404, 12.2254,
14.1003)**

Conversions

Conversions Part 1

Format	Color
Hex	566565
RGB	86, 101, 101
RGB Percent	34%, 40%, 40%
CMY	0.6627, 0.6039, 0.6039
CMYK	0.15, 0.00, 0.00, 0.60
HSL	180°, 8%, 37%
HSV	180°, 15%, 40%
XYZ	10.8404, 12.2254, 14.1003
YIQ	96.5150, -8.9400, -3.1800

Conversions

Conversions Part 2

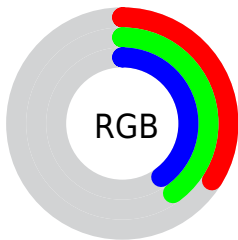
Format	Color
R_{YB}	86, 94, 101
Decimal	5662053
CIE Lab	41.57, -5.68, -1.92
CIE LCh	42, 5.995, 198.715
Yxy	12.2254, 0.2917, 0.3289
Android (android.graphics.Color)	4283852133 (0xFF566565)
YUV	96.5150, 2.2111, -9.2217
Hunter-Lab	34.9648, -5.8468, 0.5655

Details

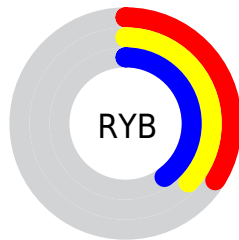
The XYZ color **10.8404, 12.2254, 14.1003** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.3748, 10.0945, 10.2063**, and the grayscale version is **11.2401, 11.8255, 12.8780**.

A 20% lighter version of the original color is **27.0491, 29.9577, 34.0625**, and **2.8601, 3.3558, 3.9870** is the 20% darker color. If you saturate the color by 10%, you get **9.9755, 11.7798, 14.0598**, and if you desaturate by 10%, it is **11.8375, 12.7397, 14.1475**.

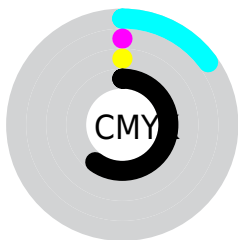
Distribution



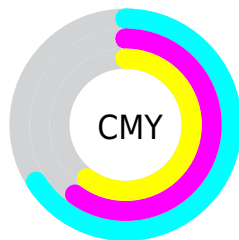
- Red (34%)
- Green (40%)
- Blue (40%)



- Red (34%)
- Yellow (37%)
- Blue (40%)



- Cyan (15%)
- Magenta (0%)
- Yellow (0%)
- Black (60%)



- Cyan (66%)
- Magenta (60%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.8404, 12.2254, 14.1003 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 10.8404, 12.2254, 14.1003 by changing the saturation by 10% instead.

■ 10.8404, 12.2254,
14.1003

■ 10.8404, 12.2254,
14.1003

190.5003,
205.8918, 229.3040

■ 6.0261, 6.8974,
8.0509

■ 27.0002, 29.9050,
33.9866

■ 2.9018, 3.3980,
4.0393

■ 39.0765, 43.0253,
48.6605

■ 1.1020, 1.3429,
1.6469

■ 54.3041, 59.5119,
67.0464

■ 0.0268, 0.1740,
0.3240

■ 73.0485, 79.7490,
89.5628

■ 0.0000, 0.0000,
0.0000

■ 95.6749, 104.1212,
116.6282

122.5488,

133.0128, 148.6612

154.0355,
166.8082, 186.0803

■ 10.8404, 12.2254,
14.1003

■ 10.8404, 12.2254,
14.1003

■ 9.9755, 11.7798,
14.0598

■ 11.8375, 12.7397,
14.1475

■ 9.2361, 11.3987,
14.0249

■ 12.9709, 13.3240,
14.2008

■ 8.6169, 11.0795,
13.9956

■ 14.2457, 13.9812,
14.2608

■ 8.1115, 10.8189,
13.9717

■ 15.6667, 14.7138,
14.3276

■ 7.7129, 10.6134,
13.9527

■ 17.2383, 15.5239,
14.4014

■ 7.4134, 10.4591,
13.9384

■ 18.9647, 16.4139,
14.4825

■ 7.2044, 10.3514,
13.9284

■ 20.8500, 17.3858,
14.5710

■ 7.0675, 10.2808,
13.9217

■ 22.8981, 18.4416,
14.6672

■ 7.0024, 10.2472,
13.9185

■ 25.1128, 19.5834,
14.7711

Harmonies

Analogous

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



10.8135, 12.2254, 12.8450



10.8404, 12.2254, 14.1003



11.0731, 12.2254, 15.2071

Triad

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



10.8404, 12.2254, 14.1003



12.2642, 12.2254, 14.9669



11.7855, 12.2254, 11.0836

Complementary

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



10.8404, 12.2254, 14.1003



10.3748, 10.0945, 10.2063

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.



12.1844, 12.2254, 11.5801



10.8404, 12.2254, 14.1003



12.4654, 12.2254, 13.7889

Square

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



10.8404, 12.2254, 14.1003



11.8922, 12.2254, 15.7288



12.4358, 12.2254, 12.5525



11.3518, 12.2254, 11.1553

Rectangle

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



10.8404, 12.2254, 14.1003



11.3169, 12.2254, 15.6874



12.4358, 12.2254, 12.5525



11.9283, 12.2254, 11.1882

Sweetspot

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



10.8408, 12.2259, 14.1006



20.4571, 21.9401, 24.2932



10.1946, 11.9701, 10.5774



5.0070, 5.3847, 5.9762



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

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



10.8408, 12.2259, 14.1006



18.0421, 20.6951, 24.1794



10.1676, 10.8794, 13.8766



2.9036, 3.1852, 3.5937



9.1817, 13.4363, 18.2500



47.8871, 70.0774, 95.1823

Inverse Universe

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



10.3748, 10.0945, 10.2063



17.0691, 16.2445, 16.0477



10.9833, 11.3117, 10.4088



2.8295, 2.8465, 2.9748



7.0375, 3.6279, 0.3297



36.7040, 18.9216, 1.7185

Previews

White Background



This preview shows how the XYZ color 10.8404, 12.2254, 14.1003 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 10.8404, 12.2254, 14.1003 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

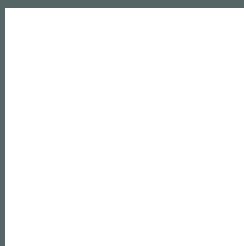
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.8404, 12.2254, 14.1003

Background



This preview shows how black text looks on a background with the XYZ color 10.8404, 12.2254, 14.1003.



This preview shows how white text looks on a background with the XYZ color 10.8404, 12.2254,

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

10.8404, 12.2254, 14.1003

Protanopia

11.6724, 12.1029, 13.5253

Deuteranopia

12.3162, 12.1470, 14.2658



Tritanopia

11.1944, 12.2233, 15.9567

Trichromacy



Original Color

10.8404, 12.2254, 14.1003

Protanomaly

11.2840, 12.0351, 13.7849

Deuteranomaly

11.7100, 12.1054, 14.2898

Tritanomaly

11.0375, 12.1605, 15.1301

Monochromacy



Original Color

10.8404, 12.2254, 14.1003

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.0865, 11.9444, 13.2764

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.8404, 12.2254, 14.1003 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(86, 101, 101) looks like.

```
.text, #text, p{  
    color:rgb(86, 101, 101)  
}
```

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(86, 101, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 101, 101) }
```

Border

The CSS property to change the border of an element to XYZ 10.8404, 12.2254, 14.1003 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(86, 101, 101) }
```


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

```
.border{ border-color:rgb(86, 101, 101) }
```

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

Here you see how a box with a 4 pixel rgb(86, 101, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 101, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 101, 101);  
box-shadow:4px 4px 4px 4px rgb(86, 101,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 10.8404, 12.2254, 14.1003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 101, 101) }
```

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

```
.background{ background-color: rgb(86, 101,  
101) }
```

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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