

Converting Colors

XYZ(11.1391, 12.6903, 15.9540)

Have a look what the booklet for
XYZ(11.1391, 12.6903, 15.9540)
contains.

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Color

**XYZ(11.1243, 12.6222,
16.0374)**

Conversions

Conversions Part 1

Format	Color
Hex	53676C
RGB	83, 103, 108
RGB Percent	33%, 40%, 42%
CMY	0.6745, 0.5961, 0.5765
CMYK	0.23, 0.05, 0.00, 0.58
HSL	192°, 13%, 37%
HSV	192°, 23%, 42%
XYZ	11.1243, 12.6222, 16.0374
YIQ	97.5900, -13.5250, -2.6850

Conversions

Conversions Part 2

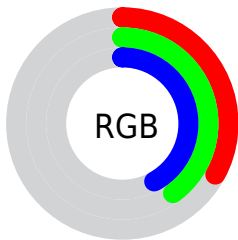
Format	Color
R_{YB}	83, 94, 108
Decimal	5465964
CIE _{Lab}	42.19, -6.24, -5.30
CIE _{LCh}	42, 8.182, 220.349
Yxy	12.6222, 0.2796, 0.3173
Android (android.graphics.Color)	4283656044 (0xFF53676C)
YUV	97.5900, 5.1321, -12.7954
Hunter-Lab	35.5277, -6.2823, -1.8944

Details

The XYZ color **11.1243, 12.6222, 16.0374** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.2355, 10.7922, 9.6748**, and the grayscale version is **11.4981, 12.0969, 13.1735**.

A 20% lighter version of the original color is **27.4865, 30.6010, 37.2588**, and **3.0194, 3.5586, 4.9426** is the 20% darker color. If you saturate the color by 10%, you get **10.0328, 11.7450, 15.9258**, and if you desaturate by 10%, it is **12.3706, 13.5880, 16.1583**.

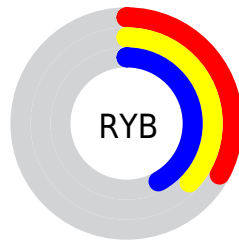
Distribution



Red (33%)

Green (40%)

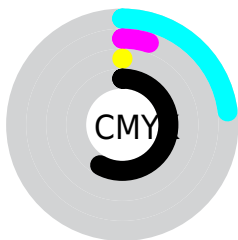
Blue (42%)



Red (33%)

Yellow (37%)

Blue (42%)

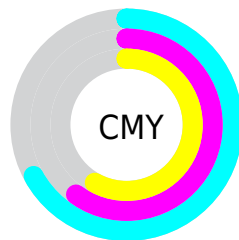


Cyan (23%)

Magenta (5%)

Yellow (0%)

Black (58%)



Cyan (67%)

Magenta (60%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1243, 12.6222, 16.0374 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 11.1243, 12.6222, 16.0374 by changing the saturation by 10% instead.

■ 11.1243, 12.6222,
16.0374

■ 11.1243, 12.6222,
16.0374

192.4091,
208.4820, 241.4155

■ 6.2184, 7.1689,
9.3960

■ 27.5207, 30.6234,
37.4308

■ 3.0203, 3.5680,
4.9000

■ 39.7419, 43.9400,
53.0199

■ 1.1645, 1.4350,
2.1310

■ 55.1323, 60.6466,
72.4286

■ 0.0780, 0.2423,
0.6341

■ 74.0572, 81.1275,
96.0755

■ 0.0000, 0.0000,
0.0000

■ 96.8820, 105.7671,
124.3791

123.9720,

134.9498, 157.7579

155.6926,
169.0599, 196.6306

■ 11.1243, 12.6222,
16.0374

■ 11.1243, 12.6222,
16.0374

■ 10.0328, 11.7450,
15.9258

■ 12.3706, 13.5880,
16.1583

■ 9.0880, 10.9514,
15.8224

■ 13.7770, 14.6444,
16.2881

■ 8.2829, 10.2379,
15.7271

■ 15.3500, 15.7949,
16.4273

■ 7.6093, 9.6002,
15.6396

■ 17.0953, 17.0428,
16.5762

■ 7.0585, 9.0338,
15.5593

■ 19.0183, 18.3907,
16.7350

6.6200, 8.5333,
15.4858

21.1244, 19.8415,
16.9040

6.2798, 8.0912,
15.4184

23.4185, 21.3978,
17.0835

6.0671, 7.8033,
15.3740

25.9053, 23.0622,
17.2737

28.5896, 24.8370,
17.4748

Harmonies

Analogous

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



10.8787, 12.6222, 14.3564



11.1243, 12.6222, 16.0374



11.6065, 12.6222, 17.1595

Triad

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



11.1243, 12.6222, 16.0374



13.1370, 12.6222, 14.9055



11.7873, 12.6222, 10.6939

Complementary

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



11.1243, 12.6222, 16.0374



11.2355, 10.7922, 9.6748

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.



12.3962, 12.6222, 10.8138



11.1243, 12.6222, 16.0374



13.1895, 12.6222, 13.1482

Square

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



11.1243, 12.6222, 16.0374



12.7733, 12.6222, 16.4686



12.9142, 12.6222, 11.6794



11.2528, 12.6222, 11.3368

Rectangle

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



11.1243, 12.6222, 16.0374



12.0042, 12.6222, 17.3875



12.9142, 12.6222, 11.6794



11.9899, 12.6222, 10.6478

Sweetspot

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



11.1247, 12.6227, 16.0377



23.1542, 24.9404, 28.5013



10.6743, 13.2621, 11.1398



5.5823, 6.0202, 6.8966



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



11.1247, 12.6227, 16.0377



18.4220, 21.2771, 28.0436



10.0083, 10.3899, 15.6656



3.1330, 3.3943, 3.9249



7.2176, 9.2695, 18.3310



36.1575, 45.9936, 93.1982

Inverse Universe

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



11.7261, 10.3542, 14.2131



19.7013, 16.5775, 24.1343



12.3111, 12.9433, 10.0333



3.1929, 3.1540, 3.7462



9.3900, 4.6081, 10.9480



47.5335, 23.3553, 54.1392

Previews

White Background



This preview shows how the XYZ color 11.1243, 12.6222, 16.0374 looks on a white background.

Color Contrast Check

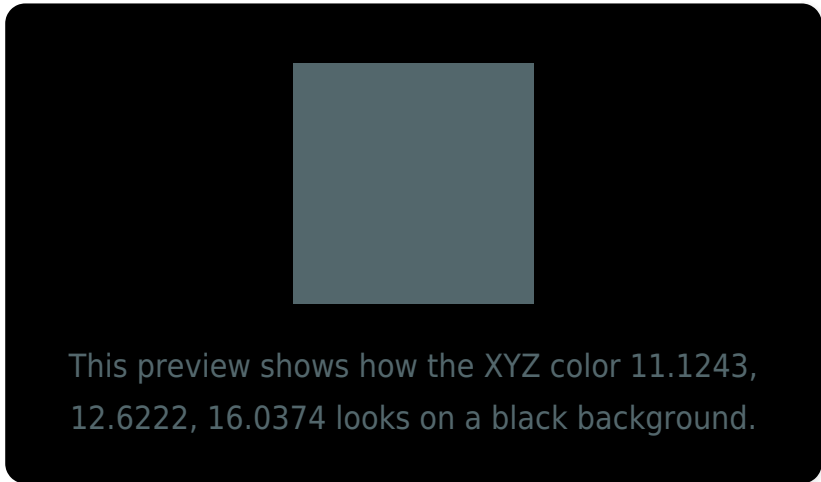
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 11.1243, 12.6222, 16.0374

Background



This preview shows how black text looks on a background with the XYZ color 11.1243, 12.6222, 16.0374.



This preview shows how white text looks on a background with the XYZ color 11.1243, 12.6222,

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

11.1243, 12.6222, 16.0374

Protanopia

12.1572, 12.5963, 15.1552

Deuteranopia

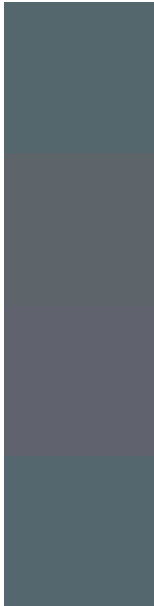
12.7439, 12.5966, 16.2277



Tritanopia

11.3756, 12.7330, 16.8971

Trichromacy



Original Color

11.1243, 12.6222, 16.0374

Protanomaly

11.6729, 12.4821, 15.4297

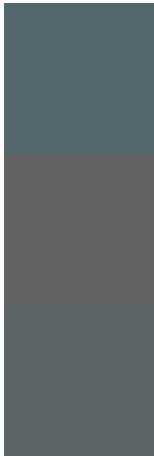
Deuteranomaly

12.0460, 12.5146, 16.2487

Tritanomaly

11.3209, 12.7111, 16.6087

Monochromacy



Original Color

11.1243, 12.6222, 16.0374

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.4696, 12.4008, 14.3595

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1243, 12.6222, 16.0374 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(83, 103, 108) looks like.

```
.text, #text, p{  
    color:rgb(83, 103, 108)  
}
```

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(83, 103, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 103, 108) }
```

Border

The CSS property to change the border of an element to XYZ 11.1243, 12.6222, 16.0374 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(83, 103, 108) }
```


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

```
.border{ border-color:rgb(83, 103, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 103, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 103, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 103, 108);  
box-shadow:4px 4px 4px 4px rgb(83, 103,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1243, 12.6222, 16.0374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 103, 108) }
```

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

```
.background{ background-color: rgb(83, 103,  
108) }
```

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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