

Converting Colors

XYZ(10.7055, 12.3604, 14.7052)

Have a look what the booklet for
XYZ(10.7055, 12.3604, 14.7052)
contains.

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Color

**XYZ(10.6792, 12.2759,
14.6386)**

Conversions

Conversions Part 1

Format	Color
Hex	526667
RGB	82, 102, 103
RGB Percent	32%, 40%, 40%
CMY	0.6784, 0.6000, 0.5961
CMYK	0.20, 0.01, 0.00, 0.60
HSL	183°, 11%, 36%
HSV	183°, 20%, 40%
XYZ	10.6792, 12.2759, 14.6386
YIQ	96.1340, -12.2410, -3.9290

Conversions

Conversions Part 2

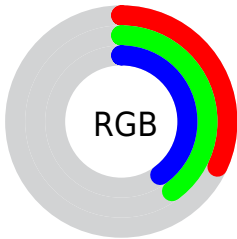
Format	Color
R_{YB}	82, 92, 103
Decimal	5400167
CIE Lab	41.65, -7.23, -3.06
CIE LCh	42, 7.847, 202.939
Yxy	12.2759, 0.2841, 0.3265
Android (android.graphics.Color)	4283590247 (0xFF526667)
YUV	96.1340, 3.3849, -12.3955
Hunter-Lab	35.0370, -6.9083, -0.2457

Details

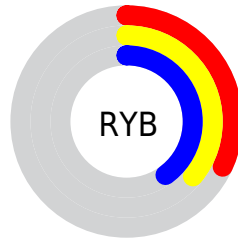
The XYZ color **10.6792, 12.2759, 14.6386** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.2098, 9.6791, 9.3129**, and the grayscale version is **11.1452, 11.7256, 12.7692**.

A 20% lighter version of the original color is **26.7397, 30.0211, 34.9572**, and **2.8076, 3.3930, 4.2483** is the 20% darker color. If you saturate the color by 10%, you get **9.8021, 11.7528, 14.5841**, and if you desaturate by 10%, it is **11.6918, 12.8699, 14.7001**.

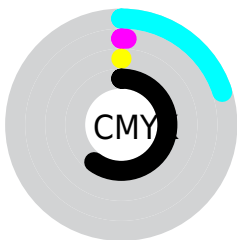
Distribution



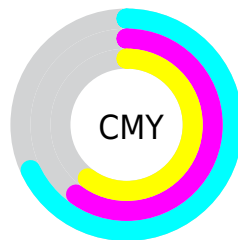
- Red (32%)
- Green (40%)
- Blue (40%)



- Red (32%)
- Yellow (36%)
- Blue (40%)



- Cyan (20%)
- Magenta (1%)
- Yellow (0%)
- Black (60%)



- Cyan (68%)
- Magenta (60%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.6792, 12.2759, 14.6386 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 10.6792, 12.2759, 14.6386 by changing the saturation by 10% instead.

■ 10.6792, 12.2759,
14.6386

■ 10.6792, 12.2759,
14.6386

189.4073,
206.2234, 232.7331

■ 5.9172, 6.9319,
8.4223

■ 26.7037, 29.9966,
34.9512

■ 2.8350, 3.4195,
4.2747

■ 38.6969, 43.1421,
49.8846

■ 1.0671, 1.3545,
1.7772

■ 53.8312, 59.6568,
68.5609

■ 0.0000, 0.1828,
0.4129

■ 72.4720, 79.9252,
91.3985

■ 0.0000, 0.0000,
0.0000

■ 94.9847, 104.3317,
118.8160

121.7346,

133.2606, 151.2319

153.0870,
167.0964, 189.0648

■ 10.6792, 12.2759,
14.6386

■ 10.6792, 12.2759,
14.6386

■ 9.8021, 11.7528,
14.5841

■ 11.6918, 12.8699,
14.7001

■ 9.0534, 11.2961,
14.5354

■ 12.8445, 13.5361,
14.7679

■ 8.4271, 10.9028,
14.4925

■ 14.1427, 14.2779,
14.8427

■ 7.9162, 10.5695,
14.4551

■ 15.5917, 15.0978,
14.9246

■ 7.5129, 10.2921,
14.4228

■ 17.1961, 15.9982,
15.0138

7.2088, 10.0662,
14.3952

18.9605, 16.9816,
15.1106

6.9939, 9.8867,
14.3719

20.8893, 18.0501,
15.2152

6.8258, 9.7344,
14.3513

22.9866, 19.2059,
15.3278

25.2566, 20.4512,
15.4485

Harmonies

Analogous

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



10.6049, 12.2759, 12.9810



10.6792, 12.2759, 14.6386



11.0143, 12.2759, 16.0552

Triad

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



10.6792, 12.2759, 14.6386



12.5724, 12.2759, 15.3665



11.8043, 12.2759, 10.4643

Complementary

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



10.6792, 12.2759, 14.6386



10.2098, 9.6791, 9.3129

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.



12.3468, 12.2759, 10.9959



10.6792, 12.2759, 14.6386



12.7996, 12.2759, 13.7593

Square

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



10.6792, 12.2759, 14.6386



12.1040, 12.2759, 16.4989



12.7158, 12.2759, 12.1701



11.2423, 12.2759, 10.6577

Rectangle

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



10.6792, 12.2759, 14.6386



11.3466, 12.2759, 16.6270



12.7158, 12.2759, 12.1701



11.9952, 12.2759, 10.5626

Sweetspot

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



10.6796, 12.2764, 14.6389



21.7734, 23.5310, 26.3714



9.8798, 12.1144, 9.9407



5.2907, 5.7286, 6.4327



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.



10.6796, 12.2764, 14.6389



18.4156, 21.5623, 26.1684



9.7378, 10.3929, 14.3250



2.8930, 3.1641, 3.5902



8.5804, 12.2326, 18.0532



44.5667, 63.4300, 94.0957

Inverse Universe

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



11.0093, 9.8776, 13.8974



19.1135, 16.5174, 24.5921



11.0486, 11.3568, 9.5925



2.9305, 2.8869, 3.5068



9.8137, 4.7384, 14.9491



51.0904, 24.6761, 77.4762

Previews

White Background



This preview shows how the XYZ color 10.6792, 12.2759, 14.6386 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 10.6792, 12.2759, 14.6386 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

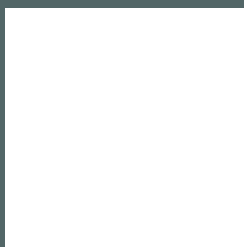
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.6792, 12.2759, 14.6386

Background



This preview shows how black text looks on a background with the XYZ color 10.6792, 12.2759, 14.6386.



This preview shows how white text looks on a background with the XYZ color 10.6792, 12.2759,

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

10.6792, 12.2759, 14.6386

Protanopia

11.8135, 12.3081, 13.8097

Deuteranopia

12.4166, 12.1872, 14.7946



Tritanopia

10.9813, 12.2505, 16.2538

Trichromacy



Original Color

10.6792, 12.2759, 14.6386

Protanomaly

11.3250, 12.1904, 14.0680

Deuteranomaly

11.7961, 12.2762, 14.8445

Tritanomaly

10.8748, 12.2079, 15.6931

Monochromacy



Original Color

10.6792, 12.2759, 14.6386

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

10.9342, 11.8604, 13.5174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.6792, 12.2759, 14.6386 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, 102, 103) looks like.

```
.text, #text, p{  
    color:rgb(82, 102, 103)  
}
```

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, 102, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 102, 103) }
```

Border

The CSS property to change the border of an element to XYZ 10.6792, 12.2759, 14.6386 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, 102, 103) }
```


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

```
.border{ border-color:rgb(82, 102, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 102, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 102, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 102, 103);  
box-shadow:4px 4px 4px 4px rgb(82, 102,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 10.6792, 12.2759, 14.6386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 102, 103) }
```

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

```
.background{ background-color: rgb(82, 102,  
103) }
```

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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