

Converting Colors

XYZ(10.5330, 12.1013, 15.7847)

Have a look what the booklet for
XYZ(10.5330, 12.1013, 15.7847)
contains.

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Color

**XYZ(10.4494, 11.9886,
15.6732)**

Conversions

Conversions Part 1

Format	Color
Hex	4E656B
RGB	78, 101, 107
RGB Percent	31%, 40%, 42%
CMY	0.6941, 0.6039, 0.5804
CMYK	0.27, 0.06, 0.00, 0.58
HSL	192°, 16%, 36%
HSV	192°, 27%, 42%
XYZ	10.4494, 11.9886, 15.6732
YIQ	94.8070, -15.6340, -3.0100

Conversions

Conversions Part 2

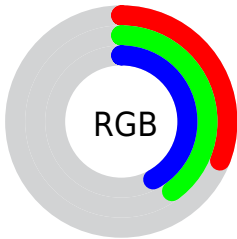
Format	Color
R_{YB}	78, 91, 107
Decimal	5137771
CIE Lab	41.20, -7.02, -6.20
CIE LCh	41, 9.362, 221.462
Yxy	11.9886, 0.2742, 0.3146
Android (android.graphics.Color)	4283327851 (0xFF4E656B)
YUV	94.8070, 6.0111, -14.7397
Hunter-Lab	34.6246, -6.7232, -2.6011

Details

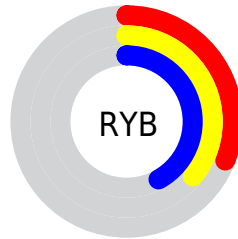
The XYZ color **[10.4494, 11.9886, 15.6732]** is a dark color, and the websafe version is hex **[666666]**. A complement of this color would be **[10.6090, 10.0165, 8.5822]**, and the grayscale version is **[10.8201, 11.3836, 12.3967]**.

A 20% lighter version of the original color is **[26.3019, 29.5143, 36.6583]**, and **[2.7304, 3.2717, 4.7625]** is the 20% darker color. If you saturate the color by 10%, you get **[9.4312, 11.1492, 15.5651]**, and if you desaturate by 10%, it is **[11.6168, 12.9141, 15.7905]**.

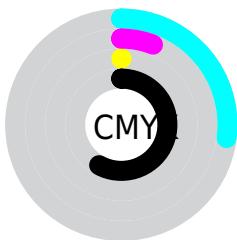
Distribution



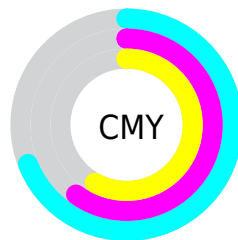
- Red (31%)
- Green (40%)
- Blue (42%)



- Red (31%)
- Yellow (36%)
- Blue (42%)



- Cyan (27%)
- Magenta (6%)
- Yellow (0%)
- Black (58%)



- Cyan (69%)
- Magenta (60%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.4494, 11.9886, 15.6732 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 10.4494, 11.9886, 15.6732 by changing the saturation by 10% instead.

■ 10.4494, 11.9886,
15.6732

■ 10.4494, 11.9886,
15.6732

187.8375,
204.3298, 239.1850

■ 5.7625, 6.7359,
9.1414

■ 26.2795, 29.4743,
36.7888

■ 2.7405, 3.2975,
4.7354

■ 38.1534, 42.4762,
52.2096

■ 1.0180, 1.2890,
2.0369

■ 53.1536, 58.8299,
71.4305

■ 0.0000, 0.1326,
0.5778

■ 71.6455, 78.9198,
94.8700

■ 0.0000, 0.0000,
0.0000

■ 93.9945, 103.1304,
122.9467

120.5659,

131.8460, 156.0791

151.7252,
165.4510, 194.6857

■ 10.4494, 11.9886,
15.6732

■ 10.4494, 11.9886,
15.6732

■ 9.4312, 11.1492,
15.5651

■ 11.6168, 12.9141,
15.7905

■ 8.5541, 10.3909,
15.4649

■ 12.9388, 13.9276,
15.9165

■ 7.8111, 9.7101,
15.3727

■ 14.4218, 15.0328,
16.0516

■ 7.1939, 9.1025,
15.2879

■ 16.0716, 16.2329,
16.1963

■ 6.6933, 8.5634,
15.2102

■ 17.8936, 17.5305,
16.3507

6.2989, 8.0873,
15.1391

19.8930, 18.9286,
16.5152

5.9814, 7.6590,
15.0732

22.0749, 20.4296,
16.6899

5.8920, 7.5377,
15.0545

24.4439, 22.0362,
16.8752

27.0047, 23.7507,
17.0712

Harmonies

Analogous

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



10.1693, 11.9886, 13.8064



10.4494, 11.9886, 15.6732



10.9870, 11.9886, 16.9053

Triad

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



10.4494, 11.9886, 15.6732



12.6705, 11.9886, 14.2716



11.1388, 11.9886, 9.7384

Complementary

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



10.4494, 11.9886, 15.6732



10.6090, 10.0165, 8.5822

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.



11.8125, 11.9886, 9.8364



10.4494, 11.9886, 15.6732



12.7150, 11.9886, 12.3286

Square

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



10.4494, 11.9886, 15.6732



12.2761, 11.9886, 16.0426



12.3956, 11.9886, 10.7434



10.5567, 11.9886, 10.4610

Rectangle

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



10.4494, 11.9886, 15.6732



11.4280, 11.9886, 17.1340



12.3956, 11.9886, 10.7434



11.3617, 11.9886, 9.6785

Sweetspot

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



10.4498, 11.9891, 15.6735



22.8882, 24.7269, 28.4741



9.9922, 12.7723, 10.2854



5.4669, 5.9295, 6.8851



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.



10.4498, 11.9891, 15.6735



17.4378, 20.4246, 27.9310



9.1799, 9.4494, 15.2502



3.1313, 3.3909, 3.9244



7.1461, 9.1265, 18.3072



35.7790, 45.2365, 93.0720

Inverse Universe

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



11.1370, 9.5144, 13.5620



18.9320, 15.2268, 23.2992



11.8346, 12.4677, 8.9907



3.1921, 3.1537, 3.7418



9.3539, 4.5937, 10.7580



47.3424, 23.2789, 53.1330

Previews

White Background



This preview shows how the XYZ color 10.4494, 11.9886, 15.6732 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 10.4494, 11.9886, 15.6732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

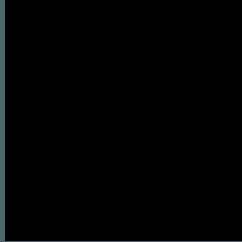
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

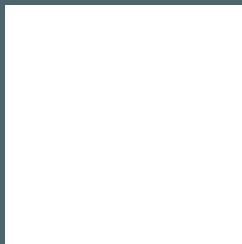
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.4494, 11.9886, 15.6732

Background



This preview shows how black text looks on a background with the XYZ color 10.4494, 11.9886, 15.6732.



This preview shows how white text looks on a background with the XYZ color 10.4494, 11.9886,

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

10.4494, 11.9886, 15.6732

Protanopia

11.6113, 11.9066, 14.7829

Deuteranopia

12.0763, 11.8548, 15.8391



Tritanopia

10.5559, 12.0312, 16.2339

Trichromacy



Original Color

10.4494, 11.9886, 15.6732

Protanomaly

11.1339, 11.9289, 15.0803

Deuteranomaly

11.4957, 11.9593, 15.8898

Tritanomaly

10.5023, 12.0098, 15.9519

Monochromacy



Original Color

10.4494, 11.9886, 15.6732

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

10.6466, 11.5741, 13.4773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.4494, 11.9886, 15.6732 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(78, 101, 107)` looks like.

```
.text, #text, p{  
  color:rgb(78, 101, 107)  
}
```

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(78, 101, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 101, 107) }
```

Border

The CSS property to change the border of an element to XYZ 10.4494, 11.9886, 15.6732 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(78, 101, 107) }
```


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

```
.border{ border-color:rgb(78, 101, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 101, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 101, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 101, 107);  
box-shadow:4px 4px 4px 4px rgb(78, 101,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 10.4494, 11.9886, 15.6732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 101, 107) }
```

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

```
.background{ background-color: rgb(78, 101,  
107) }
```

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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