

Converting Colors

XYZ(12.0482, 12.5103, 15.6092)

Have a look what the booklet for
XYZ(12.0482, 12.5103, 15.6092)
contains.

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Color

**XYZ(12.0454, 12.5266,
15.6929)**

Conversions

Conversions Part 1

Format	Color
Hex	61636B
RGB	97, 99, 107
RGB Percent	38%, 39%, 42%
CMY	0.6196, 0.6118, 0.5804
CMYK	0.09, 0.07, 0.00, 0.58
HSL	228°, 5%, 40%
HSV	228°, 9%, 42%
XYZ	12.0454, 12.5266, 15.6929
YIQ	99.3140, -3.7600, 2.0640

Conversions

Conversions Part 2

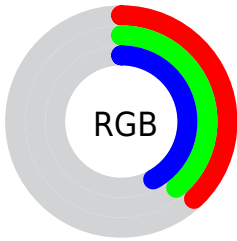
Format	Color
R_{YB}	97, 99, 107
Decimal	6382443
CIE Lab	42.04, 0.97, -4.79
CIE LCh	42, 4.887, 281.466
Yxy	12.5266, 0.2992, 0.3111
Android (android.graphics.Color)	4284572523 (0xFF61636B)
YUV	99.3140, 3.7892, -2.0294
Hunter-Lab	35.3929, -1.1881, -1.5136

Details

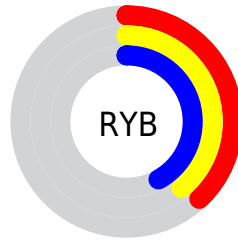
The XYZ color **12.0454, 12.5266, 15.6929** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.2726, 14.0917, 13.3298**, and the grayscale version is **11.9306, 12.5519, 13.6691**.

A 20% lighter version of the original color is **29.2906, 30.5772, 36.7060**, and **3.4540, 3.5763, 4.7832** is the 20% darker color. If you saturate the color by 10%, you get **10.2131, 10.4419, 15.3873**, and if you desaturate by 10%, it is **14.1182, 14.8636, 16.0349**.

Distribution



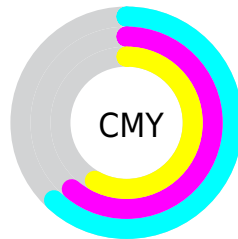
- Red (38%)
- Green (39%)
- Blue (42%)



- Red (38%)
- Yellow (39%)
- Blue (42%)



- Cyan (9%)
- Magenta (7%)
- Yellow (0%)
- Black (58%)



- Cyan (62%)
- Magenta (61%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.0454, 12.5266, 15.6929 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 12.0454, 12.5266, 15.6929 by changing the saturation by 10% instead.

■ 12.0454, 12.5266,
15.6929

■ 12.0454, 12.5266,
15.6929

198.4694,
207.8610, 239.3062

■ 6.8470, 7.1034,
9.1551

■ 29.1939, 30.4506,
36.8236

■ 3.4121, 3.5268,
4.7443

■ 41.8747, 43.7202,
52.2535

■ 1.3752, 1.4126,
2.0419

■ 57.7804, 60.3741,
71.4847

■ 0.2385, 0.2260,
0.5809

■ 77.2764, 80.7966,
94.9354

■ 0.0000, 0.0000,
0.0000

100.7279,
105.3722, 123.0245

128.5003,

134.4852, 156.1702

160.9590,
168.5200, 194.7913

■ 12.0454, 12.5266,
15.6929

■ 12.0454, 12.5266,
15.6929

■ 10.2131, 10.4419,
15.3873

■ 14.1182, 14.8636,
16.0349

■ 8.6115, 8.5993,
15.1160

■ 16.4386, 17.4592,
16.4136

■ 7.2315, 6.9904,
14.8782

■ 19.0151, 20.3219,
16.8304

■ 6.0632, 5.6058,
14.6725

■ 21.8551, 23.4588,
17.2862

■ 5.0958, 4.4351,
14.4976

■ 24.9659, 26.8772,
17.7821

■ 4.3176, 3.4675,
14.3518

■ 28.3545, 30.5838,
18.3189

■ 3.7157, 2.6907,
14.2336

■ 32.0275, 34.5853,
18.8977

■ 3.2753, 2.0916,
14.1412

■ 35.9915, 38.8880,
19.5193

■ 2.9492, 1.6392,
14.0710

■ 40.2528, 43.4982,
20.1845

Harmonies

Analogous

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



11.6858, 12.5266, 15.6230



12.0454, 12.5266, 15.6929



12.3742, 12.5266, 15.1922

Triad

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



12.0454, 12.5266, 15.6929



12.4367, 12.5266, 12.3585



11.2568, 12.5266, 13.0140

Complementary

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



12.0454, 12.5266, 15.6929



13.2726, 14.0917, 13.3298

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.



11.4501, 12.5266, 12.1961



12.0454, 12.5266, 15.6929



12.1293, 12.5266, 11.8311

Square

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



12.0454, 12.5266, 15.6929



12.6031, 12.5266, 13.2459



11.7680, 12.5266, 11.7732



11.2354, 12.5266, 14.0404

Rectangle

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



12.0454, 12.5266, 15.6929



12.5297, 12.5266, 14.6163



11.7680, 12.5266, 11.7732



11.3036, 12.5266, 12.7069

Sweetspot

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



12.0458, 12.5271, 15.6932



23.8416, 24.9972, 28.4761



12.7288, 14.0734, 15.3654



5.7075, 5.9792, 6.8820



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.



12.0458, 12.5271, 15.6932



20.8912, 21.6627, 27.9879



12.1658, 12.3109, 15.6451



2.9930, 3.1143, 3.8782



3.5447, 1.9236, 17.1067



17.5497, 8.7780, 86.9956

Inverse Universe

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



12.5905, 12.5762, 13.5689



22.0590, 21.7757, 23.4320



13.1438, 14.3317, 13.3829



3.1223, 3.1258, 3.3742



7.5361, 3.8665, 1.1854



38.1411, 19.5984, 4.6796

Previews

White Background



This preview shows how the XYZ color 12.0454, 12.5266, 15.6929 looks on a white background.

Color Contrast Check

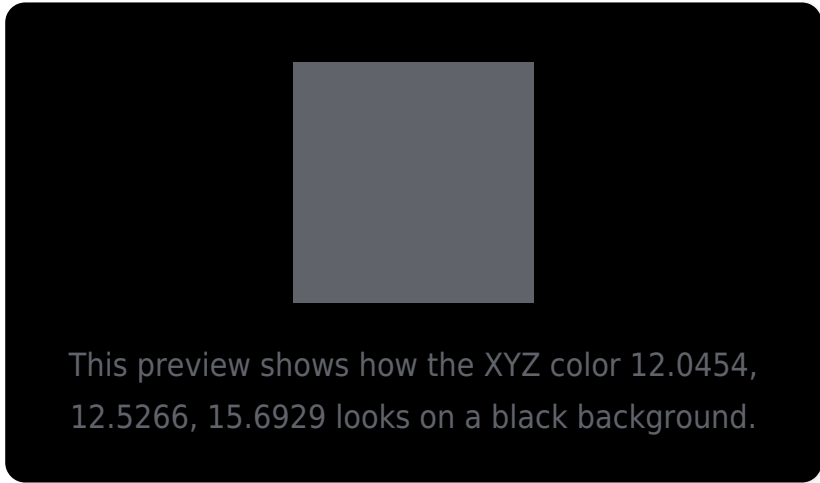
Large Text (above 18pt) WCAG AA ✓ Pass

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

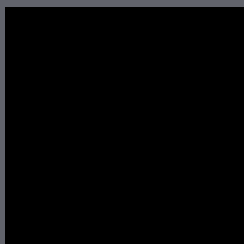
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

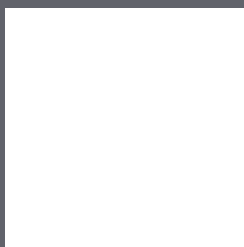
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 12.0454, 12.5266, 15.6929

Background



This preview shows how black text looks on a background with the XYZ color 12.0454, 12.5266, 15.6929.



This preview shows how white text looks on a background with the XYZ color 12.0454, 12.5266,

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

12.0454, 12.5266, 15.6929

Protanopia

12.2613, 12.6379, 15.7030

Deuteranopia

12.7153, 12.4517, 15.9206



Tritanopia

12.0454, 12.5266, 15.6929

Trichromacy



Original Color

12.0454, 12.5266, 15.6929

Protanomaly

12.1527, 12.5819, 15.6979

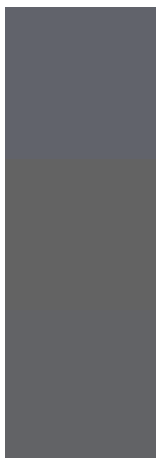
Deuteranomaly

12.4610, 12.4569, 15.9350

Tritanomaly

12.0454, 12.5266, 15.6929

Monochromacy



Original Color

12.0454, 12.5266, 15.6929

Achromatopsia

11.8596, 12.4772, 13.5877

Achromatomaly

11.8971, 12.4797, 14.3521

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.0454, 12.5266, 15.6929 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(97, 99, 107) looks like.

```
.text, #text, p{  
    color:rgb(97, 99, 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(97, 99, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 99, 107) }
```

Border

The CSS property to change the border of an element to XYZ 12.0454, 12.5266, 15.6929 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(97, 99, 107) }
```


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

```
.border{ border-color:rgb(97, 99, 107) }
```

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

Here you see how a box with a 4 pixel rgb(97, 99, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 99, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 99, 107);  
box-shadow:4px 4px 4px 4px rgb(97, 99,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 12.0454, 12.5266, 15.6929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 99, 107) }
```

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

```
.background{ background-color: rgb(97, 99,  
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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