

Converting Colors

XYZ(10.6369, 12.1022, 9.8655)

Have a look what the booklet for
XYZ(10.6369, 12.1022, 9.8655)
contains.

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Color

**XYZ(10.6327, 12.0660,
9.9522)**

Conversions

Conversions Part 1

Format	Color
Hex	5D6453
RGB	93, 100, 83
RGB Percent	36%, 39%, 33%
CMY	0.6353, 0.6078, 0.6745
CMYK	0.07, 0.00, 0.17, 0.61
HSL	85°, 9%, 36%
HSV	85°, 17%, 39%
XYZ	10.6327, 12.0660, 9.9522
YIQ	95.9690, 1.2850, -6.7710

Conversions

Conversions Part 2

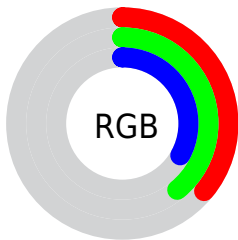
Format	Color
RYB	83, 100, 90
Decimal	6120531
CIELab	41.32, -6.15, 8.74
CIELCh	41, 10.687, 125.154
Yxy	12.0660, 0.3256, 0.3695
Android (android.graphics.Color)	4284310611 (0xFF5D6453)
YUV	95.9690, -6.3937, -2.6038
Hunter-Lab	34.7361, -6.1496, 7.3282

Details

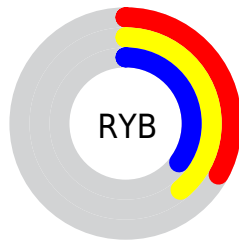
The XYZ color **10.6327, 12.0660, 9.9522** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **9.6104, 9.2806, 13.3420**, and the grayscale version is **11.1257, 11.7051, 12.7469**.

A 20% lighter version of the original color is **26.5592, 29.6388, 26.1508**, and **2.7952, 3.2905, 2.3215** is the 20% darker color. If you saturate the color by 10%, you get **9.8685, 11.7139, 8.0443**, and if you desaturate by 10%, it is **11.4757, 12.4531, 12.1551**.

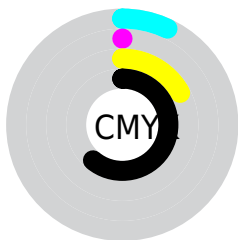
Distribution



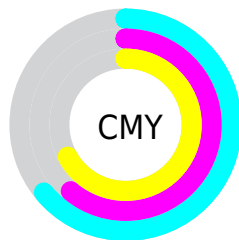
- Red (36%)
- Green (39%)
- Blue (33%)



- Red (33%)
- Yellow (39%)
- Blue (35%)



- Cyan (7%)
- Magenta (0%)
- Yellow (17%)
- Black (61%)



- Cyan (64%)
- Magenta (61%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.6327, 12.0660, 9.9522 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 10.6327, 12.0660, 9.9522 by changing the saturation by 10% instead.

■ 10.6327, 12.0660,
9.9522

■ 10.6327, 12.0660,
9.9522

189.0908,
204.8417, 200.8030

■ 5.8859, 6.7886,
5.2621

■ 26.6180, 29.6153,
26.3120

■ 2.8158, 3.3303,
2.3404

■ 38.5871, 42.6559,
38.8187

■ 1.0571, 1.3065,
0.7537

■ 53.6944, 59.0532,
54.7680

■ 0.0000, 0.1462,
0.0000

■ 72.3052, 79.1914,
74.5785

■ 0.0000, 0.0000,
0.0000

■ 94.7849, 103.4550,
98.6688

121.4989,

132.2283, 127.4572

152.8124,
165.8957, 161.3624

■ 10.6327, 12.0660,
9.9522

■ 10.6327, 12.0660,
9.9522

■ 9.8685, 11.7139,
8.0443

■ 11.4757, 12.4531,
12.1551

■ 9.1795, 11.3939,
6.4181

■ 12.3991, 12.8745,
14.6639

■ 8.5630, 11.1055,
5.0605

■ 13.4057, 13.3319,
17.4900

■ 8.0160, 10.8474,
3.9568

■ 14.4979, 13.8263,
20.6441

■ 7.5349, 10.6181,
3.0912

■ 15.6778, 14.3585,
24.1362

■ 7.1162, 10.4160,
2.4460

■ 16.9476, 14.9294,
27.9760

■ 6.7555, 10.2396,
2.0011

■ 18.3093, 15.5399,
32.1726

■ 6.4405, 10.0837,
1.6930

■ 19.7651, 16.1909,
36.7351

■ 6.3502, 10.0390,
1.6030

■ 21.3167, 16.8831,
41.6720

Harmonies

Analogous

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



11.3352, 12.0660, 9.3338



10.6327, 12.0660, 9.9522



10.1703, 12.0660, 11.4271

Triad

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



10.6327, 12.0660, 9.9522



10.8544, 12.0660, 17.3972



13.0153, 12.0660, 12.7587

Complementary

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



10.6327, 12.0660, 9.9522



9.6104, 9.2806, 13.3420

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.



12.8725, 12.0660, 15.0112



10.6327, 12.0660, 9.9522



11.6026, 12.0660, 17.8561

Square

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



10.6327, 12.0660, 9.9522



10.2942, 12.0660, 15.7477



12.3467, 12.0660, 16.9396



12.7286, 12.0660, 10.8335

Rectangle

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



10.6327, 12.0660, 9.9522



10.0485, 12.0660, 12.7810



12.3467, 12.0660, 16.9396



13.0160, 12.0660, 13.5012

Sweetspot

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



10.6330, 12.0665, 9.9525



20.4067, 21.9630, 22.0828



10.4566, 10.6129, 9.6812



5.0018, 5.3952, 5.3817



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.



10.6330, 12.0665, 9.9525



18.1442, 20.9248, 16.1899



9.8380, 11.6567, 9.9153



2.9368, 3.2146, 3.0401



8.4509, 13.4153, 2.1440



43.0649, 69.4467, 11.1348

Inverse Universe

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



9.6104, 9.2806, 13.3420



16.0246, 15.1498, 23.2163



10.4634, 9.7203, 13.3819



2.7896, 2.8136, 3.5280



4.2644, 1.8426, 16.2752



21.2944, 9.1219, 84.8398

Previews

White Background



This preview shows how the XYZ color 10.6327, 12.0660, 9.9522 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 10.6327, 12.0660, 9.9522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

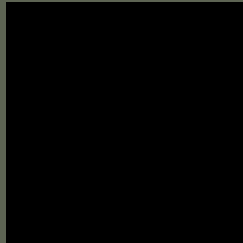
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

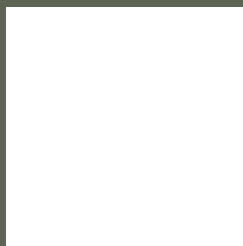
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.6327, 12.0660, 9.9522

Background



This preview shows how black text looks on a background with the XYZ color 10.6327, 12.0660, 9.9522.

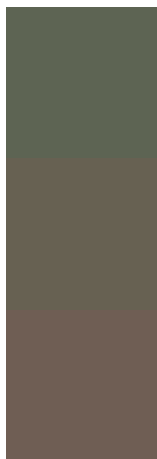


This preview shows how white text looks on a background with the XYZ color 10.6327, 12.0660,

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

10.6327, 12.0660, 9.9522

Protanopia

11.3912, 12.0421, 9.7066

Deuteranopia

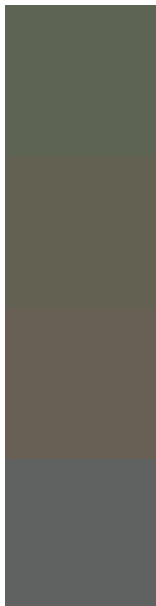
12.1585, 12.0250, 10.0677



Tritanopia

11.6484, 12.0561, 15.0777

Trichromacy



Original Color

10.6327, 12.0660, 9.9522

Protanomaly

11.0363, 11.9972, 9.7167

Deuteranomaly

11.4920, 11.9489, 10.0882

Tritanomaly

11.2447, 12.0313, 13.0389

Monochromacy



Original Color

10.6327, 12.0660, 9.9522

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

10.8823, 11.7376, 11.5896

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.6327, 12.0660, 9.9522 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(93, 100, 83) looks like.

```
.text, #text, p{  
    color:rgb(93, 100, 83)  
}
```

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(93, 100, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 100, 83) }
```

Border

The CSS property to change the border of an element to XYZ 10.6327, 12.0660, 9.9522 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(93, 100, 83) }
```


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

```
.border{ border-color:rgb(93, 100, 83) }
```

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

Here you see how a box with a 4 pixel rgb(93, 100, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 100, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 100, 83);  
box-shadow:4px 4px 4px 4px rgb(93, 100,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 10.6327, 12.0660, 9.9522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 100, 83) }
```

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

```
.background{ background-color: rgb(93, 100,  
83) }
```

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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