

Converting Colors

XYZ(9.9752, 11.9908, 11.1092)

Have a look what the booklet for
XYZ(9.9752, 11.9908, 11.1092)
contains.

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Color

**XYZ(9.9925, 12.0012,
11.0223)**

Conversions

Conversions Part 1

Format	Color
Hex	526658
RGB	82, 102, 88
RGB Percent	32%, 40%, 35%
CMY	0.6784, 0.6000, 0.6549
CMYK	0.20, 0.00, 0.14, 0.60
HSL	138°, 11%, 36%
HSV	138°, 20%, 40%
XYZ	9.9925, 12.0012, 11.0223
YIQ	94.4240, -7.4260, -8.5940

Conversions

Conversions Part 2

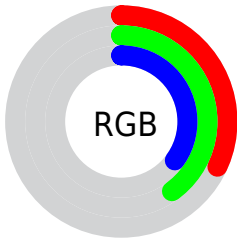
Format	Color
R_{YB}	82, 97, 102
Decimal	5400152
CIE _{Lab}	41.22, -10.65, 5.44
CIE _{LCh}	41, 11.956, 152.930
Yxy	12.0012, 0.3027, 0.3635
Android (android.graphics.Color)	4283590232 (0xFF526658)
YUV	94.4240, -3.1670, -10.8958
Hunter-Lab	34.6427, -9.1375, 5.3856

Details

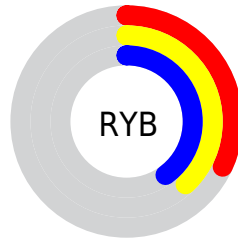
The XYZ color **9.9925, 12.0012, 11.0223** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.6085, 9.7042, 12.3809**, and the grayscale version is **10.7487, 11.3084, 12.3149**.

A 20% lighter version of the original color is **25.4944, 29.5230, 28.3996**, and **2.5652, 3.3001, 2.7873** is the 20% darker color. If you saturate the color by 10%, you get **8.8892, 11.4653, 9.5017**, and if you desaturate by 10%, it is **11.2573, 12.6177, 12.7023**.

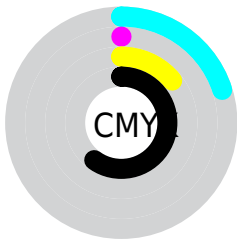
Distribution



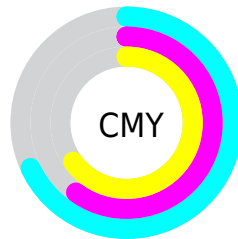
- Red (32%)
- Green (40%)
- Blue (35%)



- Red (32%)
- Yellow (38%)
- Blue (40%)



- Cyan (20%)
- Magenta (0%)
- Yellow (14%)
- Black (60%)



- Cyan (68%)
- Magenta (60%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.9925, 12.0012, 11.0223 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 9.9925, 12.0012, 11.0223 by changing the saturation by 10% instead.

■ 9.9925, 12.0012,
11.0223

■ 9.9925, 12.0012,
11.0223

184.6733,
204.4132, 208.5634

■ 5.4562, 6.7445,
5.9675

■ 25.4312, 29.4973,
28.3387

■ 2.5548, 3.3028,
2.7568

■ 37.0643, 42.5055,
41.4373

■ 0.9230, 1.2918,
0.9719

■ 51.7938, 58.8663,
58.0543

■ 0.0000, 0.1348,
0.0000

■ 69.9849, 78.9641,
78.6082

■ 0.0000, 0.0000,
0.0000

■ 92.0030, 103.1833,
103.5175

118.2136,

131.9083, 133.2008

148.9819,
165.5235, 168.0766

■ 9.9925, 12.0012,
11.0223

■ 9.9925, 12.0012,
11.0223

■ 8.8892, 11.4653,
9.5017

■ 11.2573, 12.6177,
12.7023

■ 7.9399, 11.0051,
8.1349

■ 12.6889, 13.3164,
14.5452

■ 7.1376, 10.6177,
6.9175

■ 14.2936, 14.1008,
16.5557

■ 6.4749, 10.2991,
5.8443

■ 16.0768, 14.9737,
18.7379

■ 5.9433, 10.0452,
4.9099

■ 18.0441, 15.9377,
21.0956

■ 5.5334, 9.8512,
4.1085

■ 20.2004, 16.9954,
23.6327

■ 5.2345, 9.7117,
3.4339

■ 22.5508, 18.1493,
26.3531

■ 5.0023, 9.6041,
2.8780

■ 25.1000, 19.4017,
29.2601

■ 4.9937, 9.6001,
2.8586

■ 27.8525, 20.7550,
32.3574

Harmonies

Analogous

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



10.5286, 12.0012, 9.4716



9.9925, 12.0012, 11.0223



9.8290, 12.0012, 13.3116

Triad

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



9.9925, 12.0012, 11.0223



11.4918, 12.0012, 18.4093



12.8565, 12.0012, 10.6511

Complementary

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



9.9925, 12.0012, 11.0223



10.6085, 9.7042, 12.3809

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.



13.1450, 12.0012, 12.8259



9.9925, 12.0012, 11.0223



12.3325, 12.0012, 17.4742

Square

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



9.9925, 12.0012, 11.0223



10.6684, 12.0012, 17.7706



12.9486, 12.0012, 15.3507



12.1785, 12.0012, 9.2770

Rectangle

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



9.9925, 12.0012, 11.0223



9.9462, 12.0012, 15.0070



12.9486, 12.0012, 15.3507



13.0038, 12.0012, 11.3023

Sweetspot

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



9.9928, 12.0017, 11.0226



20.5712, 22.5321, 23.3541



11.1339, 12.6175, 9.8313



4.8297, 5.3042, 5.4794



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.



9.9928, 12.0017, 11.0226



16.5067, 20.5524, 17.9411



10.4203, 12.1727, 13.2738



2.8278, 3.1549, 3.1949



6.3971, 12.3225, 3.5869



33.0183, 64.1299, 16.8842

Inverse Universe

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



10.6085, 9.7042, 12.3809



17.8203, 15.6494, 20.8378



10.1903, 9.5369, 10.1786



2.9027, 2.8757, 3.3601



8.4975, 4.2119, 8.0181



43.9198, 21.8079, 39.7166

Previews

White Background



This preview shows how the XYZ color 9.9925, 12.0012, 11.0223 looks on a white background.

Color Contrast Check

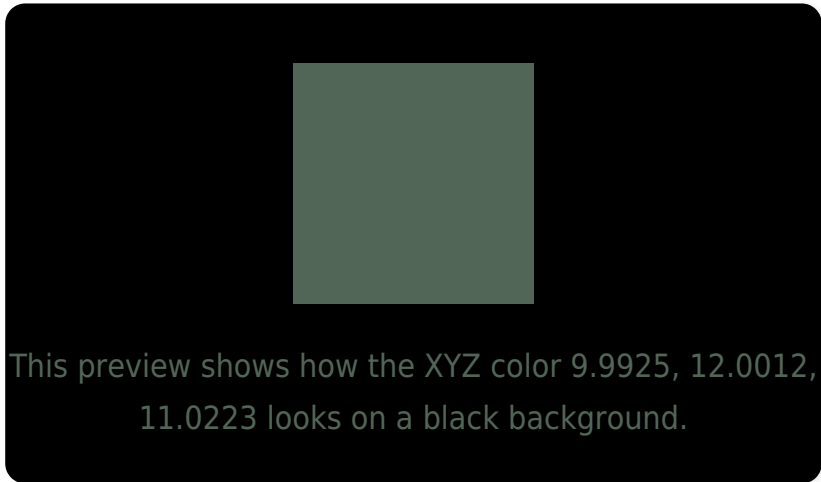
Large Text (above 18pt) WCAG AA ✓ Pass

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

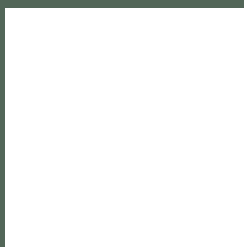
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 9.9925, 12.0012, 11.0223

Background



This preview shows how black text looks on a background with the XYZ color 9.9925, 12.0012, 11.0223.



This preview shows how white text looks on a background with the XYZ color 9.9925, 12.0012, 11.0223.

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

[9.9925, 12.0012, 11.0223](#)

Protanopia

[11.2812, 11.9720, 10.3106](#)

Deuteranopia

[12.1548, 11.9948, 11.3475](#)



Tritanopia

10.8620, 11.9165, 15.6375

Trichromacy



Original Color

9.9925, 12.0012, 11.0223

Protanomaly

10.7576, 11.9752, 10.5486

Deuteranomaly

11.2235, 11.9233, 11.1611

Tritanomaly

10.5136, 11.9193, 13.8031

Monochromacy



Original Color

9.9925, 12.0012, 11.0223

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.4229, 11.4958, 11.7948

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.9925, 12.0012, 11.0223 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, 88) looks like.

```
.text, #text, p{  
    color:rgb(82, 102, 88)  
}
```

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, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 102, 88) }
```

Border

The CSS property to change the border of an element to XYZ 9.9925, 12.0012, 11.0223 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, 88) }
```


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

```
.border{ border-color:rgb(82, 102, 88) }
```

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, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 102, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 102, 88);  
box-shadow:4px 4px 4px 4px rgb(82, 102,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 9.9925, 12.0012, 11.0223 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, 88) }
```

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

```
.background{ background-color: rgb(82, 102,  
88) }
```

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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