

Converting Colors

XYZ(11.1900, 12.2921, 14.2223)

Have a look what the booklet for
XYZ(11.1900, 12.2921, 14.2223)
contains.

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Color

**XYZ(11.1226, 12.2276,
14.0859)**

Conversions

Conversions Part 1

Format	Color
Hex	5A6465
RGB	90, 100, 101
RGB Percent	35%, 39%, 40%
CMY	0.6471, 0.6078, 0.6039
CMYK	0.11, 0.01, 0.00, 0.60
HSL	185°, 6%, 37%
HSV	185°, 11%, 40%
XYZ	11.1226, 12.2276, 14.0859
YIQ	97.1240, -6.2810, -1.8090

Conversions

Conversions Part 2

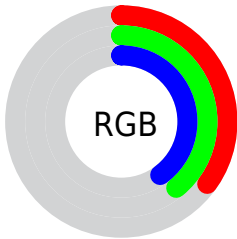
Format	Color
RYB	90, 95, 101
Decimal	5923941
CIELab	41.58, -3.61, -1.88
CIELCh	42, 4.069, 207.570
Yxy	12.2276, 0.2971, 0.3266
Android (android.graphics.Color)	4284114021 (0xFF5A6465)
YUV	97.1240, 1.9109, -6.2477
Hunter-Lab	34.9680, -4.4168, 0.5942

Details

The XYZ color **11.1226, 12.2276, 14.0859** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.9535, 10.9870, 11.2165**, and the grayscale version is **11.3896, 11.9828, 13.0492**.

A 20% lighter version of the original color is **27.5493, 29.9757, 34.0396**, and **2.9777, 3.3480, 3.9793** is the 20% darker color. If you saturate the color by 10%, you get **10.1189, 11.5807, 14.0141**, and if you desaturate by 10%, it is **12.2616, 12.9464, 14.1648**.

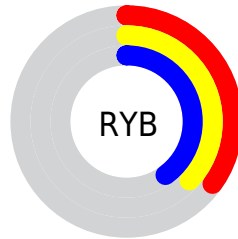
Distribution



Red (35%)

Green (39%)

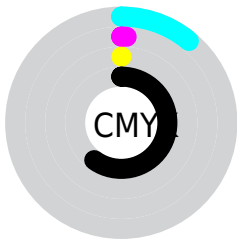
Blue (40%)



Red (35%)

Yellow (37%)

Blue (40%)

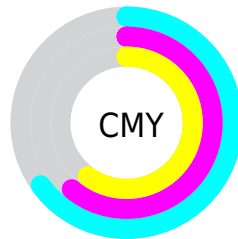


Cyan (11%)

Magenta (1%)

Yellow (0%)

Black (60%)



Cyan (65%)

Magenta (61%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.1226, 12.2276, 14.0859 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 11.1226, 12.2276, 14.0859 by changing the saturation by 10% instead.

■ 11.1226, 12.2276,
14.0859

■ 11.1226, 12.2276,
14.0859

192.3977,
205.9063, 229.2115

■ 6.2173, 6.8989,
8.0410

■ 27.5176, 29.9090,
33.9607

■ 3.0195, 3.3989,
4.0330

■ 39.7380, 43.0304,
48.6277

■ 1.1641, 1.3434,
1.6435

■ 55.1274, 59.5182,
67.0057

■ 0.0777, 0.1744,
0.3216

■ 74.0512, 79.7567,
89.5134

■ 0.0000, 0.0000,
0.0000

■ 96.8748, 104.1304,
116.5693

123.9635,

133.0236, 148.5920

155.6827,
166.8208, 185.9999

■ 11.1226, 12.2276,
14.0859

■ 11.1226, 12.2276,
14.0859

■ 10.1189, 11.5807,
14.0141

■ 12.2616, 12.9464,
14.1648

■ 9.2439, 11.0013,
13.9484

■ 13.5397, 13.7381,
14.2502

■ 8.4925, 10.4870,
13.8887

■ 14.9623, 14.6057,
14.3427

■ 7.8583, 10.0346,
13.8349

■ 16.5337, 15.5515,
14.4425

■ 7.3348, 9.6407,
13.7864

■ 18.2585, 16.5778,
14.5497

■ 6.9145, 9.3016,
13.7431

■ 20.1407, 17.6869,
14.6645

■ 6.5893, 9.0128,
13.7045

■ 22.1843, 18.8806,
14.7872

■ 6.3494, 8.7695,
13.6702

■ 24.3933, 20.1611,
14.9180

■ 6.1617, 8.5649,
13.6406

■ 26.7714, 21.5303,
15.0569

Harmonies

Analogous

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



[11.0602](#), [12.2276](#), [13.2445](#)



[11.1226](#), [12.2276](#), [14.0859](#)



[11.3181](#), [12.2276](#), [14.7438](#)

Triad

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



11.1226, 12.2276, 14.0859



12.1111, 12.2276, 14.2111



11.6462, 12.2276, 11.7443

Complementary

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



11.1226, 12.2276, 14.0859



10.9535, 10.9870, 11.2165

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.



11.9312, 12.2276, 11.9793



11.1226, 12.2276, 14.0859



12.2025, 12.2276, 13.3833

Square

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



11.1226, 12.2276, 14.0859



11.8885, 12.2276, 14.8183



12.1361, 12.2276, 12.5704



11.3594, 12.2276, 11.9147

Rectangle

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



11.1226, 12.2276, 14.0859



11.4994, 12.2276, 14.9773



12.1361, 12.2276, 12.5704



11.7454, 12.2276, 11.7783

Sweetspot

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



11.1230, 12.2281, 14.0862



20.6010, 21.9444, 24.2866



10.7551, 12.2352, 11.6737



5.0355, 5.3785, 5.9735



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.



11.1230, 12.2281, 14.0862



18.6477, 20.7064, 24.1506



10.6204, 11.2230, 13.9187



2.8835, 3.1449, 3.5870



8.0641, 11.2000, 17.8811



41.7260, 57.7487, 93.1488

Inverse Universe

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



11.3235, 10.9994, 13.5835



19.0650, 18.1642, 23.1016



11.4335, 11.9471, 11.3765



2.9257, 2.8849, 3.4814



9.5531, 4.6342, 13.5767



49.6565, 24.1026, 69.9258

Previews

White Background



This preview shows how the XYZ color 11.1226, 12.2276, 14.0859 looks on a white background.

Color Contrast Check

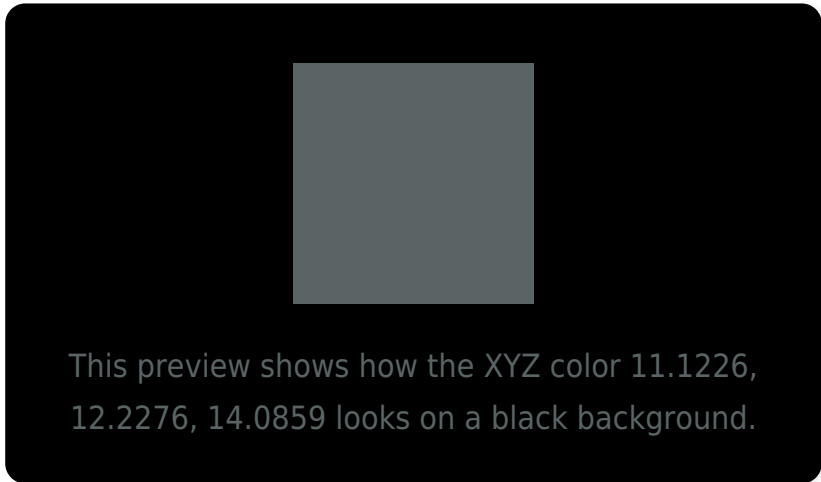
Large Text (above 18pt) WCAG AA ✓ Pass

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

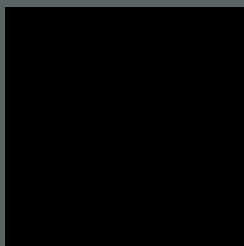
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

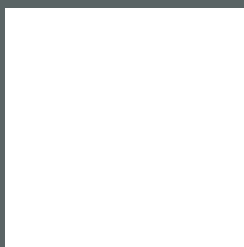
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.1226, 12.2276, 14.0859

Background



This preview shows how black text looks on a background with the XYZ color 11.1226, 12.2276, 14.0859.



This preview shows how white text looks on a background with the XYZ color 11.1226, 12.2276,

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

11.1226, 12.2276, 14.0859

Protanopia

11.6724, 12.1029, 13.5253

Deuteranopia

12.4343, 12.2079, 14.2714



Tritanopia

11.4301, 12.2094, 15.6641

Trichromacy



Original Color

11.1226, 12.2276, 14.0859

Protanomaly

11.4918, 12.1423, 13.7946

Deuteranomaly

11.9285, 12.2180, 14.3000

Tritanomaly

11.3260, 12.1677, 15.1163

Monochromacy



Original Color

11.1226, 12.2276, 14.0859

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.1884, 11.9969, 13.2812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.1226, 12.2276, 14.0859 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(90, 100, 101) looks like.

```
.text, #text, p{  
    color:rgb(90, 100, 101)  
}
```

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(90, 100, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 100, 101) }
```

Border

The CSS property to change the border of an element to XYZ 11.1226, 12.2276, 14.0859 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(90, 100, 101) }
```


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

```
.border{ border-color:rgb(90, 100, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 100, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 100, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 100, 101);  
box-shadow:4px 4px 4px 4px rgb(90, 100,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 11.1226, 12.2276, 14.0859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 100, 101) }
```

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

```
.background{ background-color: rgb(90, 100,  
101) }
```

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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