

Converting Colors

XYZ(14.7382, 22.1384, 11.7106)

Have a look what the booklet for
XYZ(14.7382, 22.1384, 11.7106)
contains.

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Color

**XYZ(14.7590, 22.2333,
11.6972)**

Conversions

Conversions Part 1

Format	Color
Hex	4F9053
RGB	79, 144, 83
RGB Percent	31%, 56%, 33%
CMY	0.6902, 0.4353, 0.6745
CMYK	0.45, 0.00, 0.42, 0.44
HSL	124°, 29%, 44%
HSV	124°, 45%, 56%
XYZ	14.7590, 22.2333, 11.6972
YIQ	117.6110, -19.1590, -32.7510

Conversions

Conversions Part 2

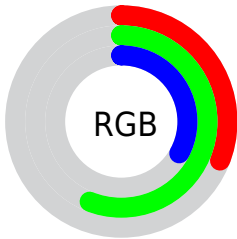
Format	Color
R_{YB}	79, 140, 144
Decimal	5214291
CIE _{Lab}	54.27, -34.16, 26.09
CIE _{LCh}	54, 42.979, 142.631
Yxy	22.2333, 0.3031, 0.4566
Android (android.graphics.Color)	4283404371 (0xFF4F9053)
YUV	117.6110, -17.0632, -33.8618
Hunter-Lab	47.1522, -26.6445, 18.2983

Details

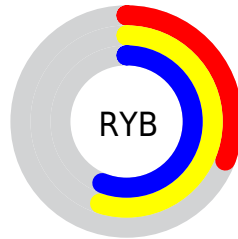
The XYZ color **14.7590, 22.2333, 11.6972** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.0318, 13.4150, 26.3977**, and the grayscale version is **17.1546, 18.0480, 19.6543**.

A 20% lighter version of the original color is **33.9434, 46.9872, 29.4707**, and **4.6337, 8.1627, 3.0004** is the 20% darker color. If you saturate the color by 10%, you get **13.2167, 21.4934, 9.1620**, and if you desaturate by 10%, it is **16.6637, 23.1496, 14.7812**.

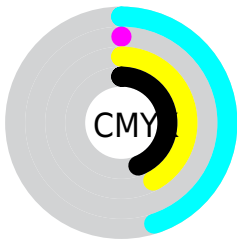
Distribution



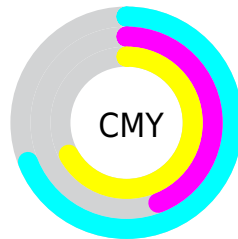
- Red (31%)
- Green (56%)
- Blue (33%)



- Red (31%)
- Yellow (55%)
- Blue (56%)



- Cyan (45%)
- Magenta (0%)
- Yellow (42%)
- Black (44%)



- Cyan (69%)
- Magenta (44%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7590, 22.2333, 11.6972 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 14.7590, 22.2333, 11.6972 by changing the saturation by 10% instead.

■ 14.7590, 22.2333,
11.6972

■ 14.7590, 22.2333,
11.6972

215.3203,
263.7622, 213.2965

■ 8.7356, 14.0284,
6.4178

■ 34.0050, 47.1313,
29.5985

■ 4.6249, 8.1404,
3.0279

■ 47.9583, 64.5932,
43.0575

■ 2.0614, 4.1849,
1.1089

■ 65.2856, 85.9096,
60.0801

■ 0.6681, 1.7775,
0.0000

■ 86.3524, 111.4648,
81.0849

■ 0.0000, 0.4731,
0.0000

■ 111.5239,
141.6433, 106.4904

■ 0.0000, 0.0000,
0.0000

141.1654,

176.8294, 136.7152

175.6424,
217.4076, 172.1777

■ 14.7590, 22.2333,
11.6972

■ 14.7590, 22.2333,
11.6972

■ 13.2167, 21.4934,
9.1620

■ 16.6637, 23.1496,
14.7812

■ 12.0121, 20.9159,
7.1421

■ 18.9499, 24.2495,
18.4421

■ 11.1205, 20.4894,
5.6027


■ 21.6375, 25.5434,
22.7076


■ 10.5126, 20.1997,
4.5038


■ 24.7444, 27.0399,
27.6034


■ 10.1506, 20.0283,
3.7991


■ 28.2876, 28.7473,
33.1536

 10.0223, 19.9668,
3.5803

 32.2830, 30.6733,
39.3810

 36.7457, 32.8252,
46.3075

 41.6901, 35.2101,
53.9538

 47.1302, 37.8346,
62.3399

Harmonies

Analogous

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



17.8563, 22.2333, 7.3658



14.7590, 22.2333, 11.6972



13.4076, 22.2333, 21.0523

Triad

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



14.7590, 22.2333, 11.6972



19.9993, 22.2333, 59.7991



30.5695, 22.2333, 15.5867

Complementary

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



14.7590, 22.2333, 11.6972



19.0318, 13.4150, 26.3977

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.



31.3673, 22.2333, 27.6649



14.7590, 22.2333, 11.6972



24.7859, 22.2333, 56.6211

Square

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



14.7590, 22.2333, 11.6972



16.1292, 22.2333, 50.9966



29.1175, 22.2333, 43.4520



27.0753, 22.2333, 8.9638

Rectangle

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



14.7590, 22.2333, 11.6972



13.5138, 22.2333, 30.2901



29.1175, 22.2333, 43.4520



31.1810, 22.2333, 19.0005

Sweetspot

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



14.7596, 22.2342, 11.6977



38.5999, 45.2615, 40.7416



22.3275, 26.1530, 11.2684



8.6234, 10.2695, 8.9818



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.7596, 22.2342, 11.6977



23.3180, 37.9114, 16.1720



16.2784, 22.8418, 19.6958



5.3555, 6.0344, 5.8380



8.7305, 17.3881, 3.1350



0.0856, 0.1671, 0.0413

Inverse Universe

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



19.0318, 13.4150, 26.3977



31.8187, 20.3481, 45.4102



17.0183, 12.6096, 15.7945



5.6121, 5.5054, 6.7214



13.8355, 6.6912, 20.5829



0.1351, 0.0651, 0.2116

Previews

White Background



This preview shows how the XYZ color 14.7590, 22.2333, 11.6972 looks on a white 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

Black Background



This preview shows how the XYZ color 14.7590, 22.2333, 11.6972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

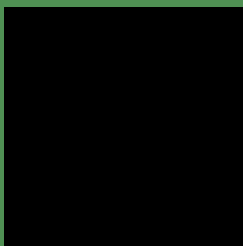
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.7590, 22.2333, 11.6972

Background



This preview shows how black text looks on a background with the XYZ color 14.7590, 22.2333, 11.6972.



This preview shows how white text looks on a background with the XYZ color 14.7590, 22.2333,

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

14.7590, 22.2333, 11.6972

Protanopia

20.1743, 21.8991, 10.1848

Deuteranopia

22.2955, 21.9899, 12.3019



Tritanopia

18.5848, 22.0421, 30.8788

Trichromacy



Original Color

14.7590, 22.2333, 11.6972

Protanomaly

17.4076, 21.4663, 10.6231

Deuteranomaly

18.5484, 21.4165, 11.9603

Tritanomaly

16.8952, 21.9952, 22.4238

Monochromacy



Original Color

14.7590, 22.2333, 11.6972

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

15.8481, 19.1417, 16.2240

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7590, 22.2333, 11.6972 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(79, 144, 83)` looks like.

```
.text, #text, p{  
    color:rgb(79, 144, 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(79, 144, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 144, 83) }
```

Border

The CSS property to change the border of an element to XYZ 14.7590, 22.2333, 11.6972 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(79, 144, 83) }
```


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

```
.border{ border-color:rgb(79, 144, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 144, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 144, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 144, 83);  
box-shadow:4px 4px 4px 4px rgb(79, 144,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7590, 22.2333, 11.6972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 144, 83) }
```

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

```
.background{ background-color: rgb(79, 144,  
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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