

Converting Colors

XYZ(14.3532, 23.2979, 20.4904)

Have a look what the booklet for
XYZ(14.3532, 23.2979, 20.4904)
contains.

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Color

**XYZ(14.3142, 23.1986,
20.5530)**

Conversions

Conversions Part 1

Format	Color
Hex	0F9675
RGB	15, 150, 117
RGB Percent	6%, 59%, 46%
CMY	0.9411, 0.4118, 0.5412
CMYK	0.90, 0.00, 0.22, 0.41
HSL	165°, 82%, 32%
HSV	165°, 90%, 59%
XYZ	14.3142, 23.1986, 20.5530
YIQ	105.8730, -69.8670, -38.8830

Conversions

Conversions Part 2

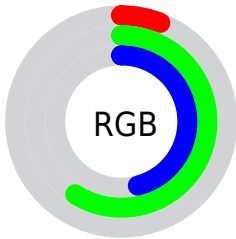
Format	Color
RYB	15, 92, 150
Decimal	1021557
CIELab	55.28, -41.21, 8.16
CIELCh	55, 42.007, 168.795
Yxy	23.1986, 0.2465, 0.3995
Android (android.graphics.Color)	4279211637 (0xFF0F9675)
YUV	105.8730, 5.4856, -79.6956
Hunter-Lab	48.1649, -31.2400, 8.4151

Details

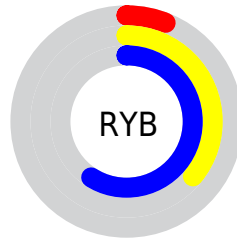
The XYZ color **14.3142, 23.1986, 20.5530** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **13.2827, 7.0396, 3.4559**, and the grayscale version is **13.6649, 14.3765, 15.6560**.

A 20% lighter version of the original color is **33.2092, 48.7009, 45.1860**, and **5.4419, 9.1650, 7.1124** is the 20% darker color. If you saturate the color by 10%, you get **13.9063, 23.0133, 19.4308**, and if you desaturate by 10%, it is **14.8733, 23.4620, 21.7274**.

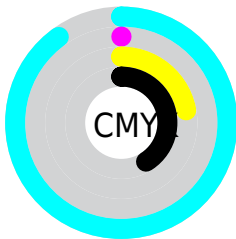
Distribution



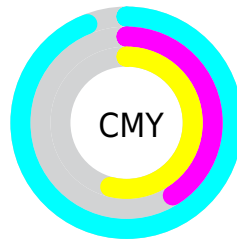
- Red (6%)
- Green (59%)
- Blue (46%)



- Red (6%)
- Yellow (36%)
- Blue (59%)



- Cyan (90%)
- Magenta (0%)
- Yellow (22%)
- Black (41%)




- Cyan (94%)
- Magenta (41%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.3142, 23.1986, 20.5530 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 14.3142, 23.1986, 20.5530 by changing the saturation by 10% instead.


 14.3142, 23.1986,
20.5530


 14.3142, 23.1986,
20.5530

212.6485,
268.7434, 267.5959


 8.4227, 14.7402,
12.6096


 33.2271, 48.7192,
45.2135


 4.4207, 8.6373,
7.0327


 46.9792, 66.5503,
62.7677


 1.9428, 4.5054,
3.4038

 64.0823, 88.2743,
84.3625

 0.6015, 1.9601,
1.3043

 84.9016, 114.2757,
110.4166

 0.0000, 0.5841,
0.0653

 109.8025,
144.9390, 141.3484

 0.0000, 0.0000,
0.0000

 139.1504,

180.6484, 177.5766

173.3106,
221.7884, 219.5195

■ 14.3142, 23.1986,
20.5530

■ 14.3142, 23.1986,
20.5530

■ 13.9063, 23.0133,
19.4308

■ 14.8733, 23.4620,
21.7274

■ 13.9062, 23.0133,
19.4303

■ 15.6486, 23.8353,
22.9561

■ 16.6672, 24.3330,
24.2412

■ 17.9513, 24.9666,
25.5842

■ 19.5209, 25.7463,
26.9867

■ 21.3939, 26.6815,
28.4498

■ 23.5867, 27.7804,
29.9748

■ 26.1145, 29.0510,
31.5629

■ 28.9915, 30.5006,
33.2151

Harmonies

Analogous

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



15.9208, 23.1986, 11.7498



14.3142, 23.1986, 20.5530



14.5478, 23.1986, 34.5579

Triad

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



14.3142, 23.1986, 20.5530



25.0939, 23.1986, 58.5720



28.5604, 23.1986, 10.3533

Complementary

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



14.3142, 23.1986, 20.5530



13.2827, 7.0396, 3.4559

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.



31.7679, 23.1986, 17.7991



14.3142, 23.1986, 20.5530



29.5784, 23.1986, 46.4535

Square

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



14.3142, 23.1986, 20.5530



20.3384, 23.1986, 60.1407



32.1649, 23.1986, 30.6343



23.8541, 23.1986, 7.4179

Rectangle

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



14.3142, 23.1986, 20.5530



15.7249, 23.1986, 45.2125



32.1649, 23.1986, 30.6343



29.8767, 23.1986, 12.2578

Sweetspot

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



14.3148, 23.1995, 20.5535



38.6539, 47.5355, 50.8585



12.2479, 22.4949, 4.1486



8.3216, 10.4121, 11.0929



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



14.3148, 23.1995, 20.5535



24.4686, 40.5831, 33.9108



11.9770, 14.8531, 31.0909



5.9041, 6.5382, 7.1061



11.5461, 19.0912, 16.1832



0.1529, 0.2383, 0.2592

Inverse Universe

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



13.2827, 7.0396, 3.4559



22.7176, 11.6512, 3.7809



13.7526, 8.6951, 1.4057



5.8555, 5.8373, 6.3452



10.7155, 5.4913, 1.9831



0.1413, 0.0713, 0.0779

Previews

White Background



This preview shows how the XYZ color 14.3142, 23.1986, 20.5530 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 14.3142, 23.1986, 20.5530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

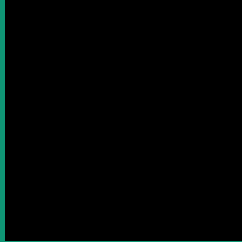
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.3142, 23.1986, 20.5530

Background



This preview shows how black text looks on a background with the XYZ color 14.3142, 23.1986, 20.5530.



This preview shows how white text looks on a background with the XYZ color 14.3142, 23.1986,

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

14.3142, 23.1986, 20.5530

Protanopia

21.4705, 22.8043, 17.4574

Deuteranopia

23.3150, 22.8798, 21.5998



Tritanopia

17.3451, 23.2795, 35.0317

Trichromacy



Original Color

14.3142, 23.1986, 20.5530

Protanomaly

16.5738, 21.7043, 18.3547

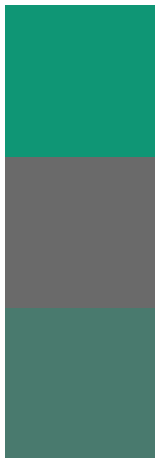
Deuteranomaly

17.3097, 21.3933, 20.9863

Tritanomaly

16.0438, 23.1955, 29.2228

Monochromacy



Original Color

14.3142, 23.1986, 20.5530

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

12.5217, 16.4613, 17.2692

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3142, 23.1986, 20.5530 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(15, 150, 117)` looks like.

```
.text, #text, p{  
    color:rgb(15, 150, 117)  
}
```

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(15, 150, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 150, 117) }
```

Border

The CSS property to change the border of an element to XYZ 14.3142, 23.1986, 20.5530 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(15, 150, 117) }
```


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

```
.border{ border-color:rgb(15, 150, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 150, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 150, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 150, 117);  
box-shadow:4px 4px 4px 4px rgb(15, 150,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3142, 23.1986, 20.5530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 150, 117) }
```

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

```
.background{ background-color: rgb(15, 150,  
117) }
```

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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