

Converting Colors

XYZ(11.4080, 22.2922, 4.1570)

Have a look what the booklet for
XYZ(11.4080, 22.2922, 4.1570)
contains.

XYZ(11.4214, 22.3062, 4.1555)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(11.4214, 22.3062,
4.1555)**

Conversions

Conversions Part 1

Format	Color
Hex	13970F
RGB	19, 151, 15
RGB Percent	7%, 59%, 6%
CMY	0.9255, 0.4078, 0.9411
CMYK	0.87, 0.00, 0.90, 0.41
HSL	118°, 82%, 33%
HSV	118°, 90%, 59%
XYZ	11.4214, 22.3062, 4.1555
YIQ	96.0280, -35.0160, -70.2800

Conversions

Conversions Part 2

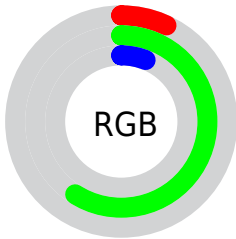
Format	Color
RYB	15, 151, 147
Decimal	1283855
CIELab	54.35, -56.50, 53.96
CIELCh	54, 78.126, 136.319
Yxy	22.3062, 0.3015, 0.5888
Android (android.graphics.Color)	4279473935 (0xFF13970F)
YUV	96.0280, -39.9468, -67.5536
Hunter-Lab	47.2294, -39.4852, 27.8440

Details

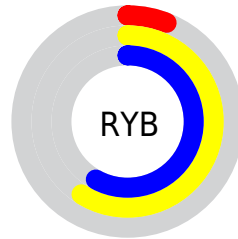
The XYZ color **11.4214, 22.3062, 4.1555** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **17.7921, 8.7807, 30.0365**, and the grayscale version is **11.2257, 11.8103, 12.8614**.

A 20% lighter version of the original color is **27.9574, 47.0303, 14.2609**, and **4.3677, 8.7354, 1.4559** is the 20% darker color. If you saturate the color by 10%, you get **11.1225, 22.1628, 3.6916**, and if you desaturate by 10%, it is **11.9513, 22.5627, 4.9608**.

Distribution



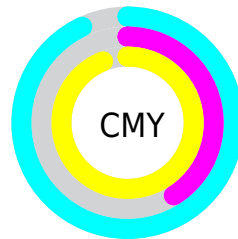
- Red (7%)
- Green (59%)
- Blue (6%)



- Red (6%)
- Yellow (59%)
- Blue (58%)



- Cyan (87%)
- Magenta (0%)
- Yellow (90%)
- Black (41%)



- Cyan (93%)
- Magenta (41%)
- Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4214, 22.3062, 4.1555 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 11.4214, 22.3062, 4.1555 by changing the saturation by 10% instead.

■ 11.4214, 22.3062,
4.1555

■ 11.4214, 22.3062,
4.1555

194.3854,
264.1412, 149.9384

■ 6.4204, 14.0821,
1.7110

■ 28.0629, 47.2516,
14.3668

■ 3.1454, 8.1778,
0.3683

■ 40.4341, 64.7416,
22.9708

■ 1.2311, 4.2089,
0.0000

■ 55.9928, 86.0890,
34.4650

■ 0.1307, 1.7911,
0.0000

■ 75.1043, 111.6782,
49.2679


■ 0.0000, 0.4816,
0.0000


■ 98.1339, 141.8937,
67.7982


■ 0.0000, 0.0000,
0.0000


■ 125.4471,


177.1197, 90.4743


 157.4091,
217.7408, 117.7149


 11.4214, 22.3062,
4.1555

 11.4214, 22.3062,
4.1555


 11.1225, 22.1628,
3.6916

 11.9513, 22.5627,
4.9608

 12.7786, 22.9613,
6.2624

 13.9390, 23.5195,
8.1232

 15.4627, 24.2519,
10.5967

 17.3766, 25.1711,
13.7300

■ 19.7050, 26.2890,
17.5656

■ 22.4702, 27.6160,
22.1427

■ 25.6929, 29.1622,
27.4972

■ 29.3926, 30.9368,
33.6630

Harmonies

Analogous

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



16.9223, 22.3062, 1.3522



11.4214, 22.3062, 4.1555



8.9325, 22.3062, 14.7926

Triad

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



11.4214, 22.3062, 4.1555



17.5569, 22.3062, 104.3777



41.1374, 22.3062, 13.3436

Complementary

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



11.4214, 22.3062, 4.1555



17.7921, 8.7807, 30.0365

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.



41.4418, 22.3062, 37.1649



11.4214, 22.3062, 4.1555



26.1471, 22.3062, 102.9069

Square

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



11.4214, 22.3062, 4.1555



11.7781, 22.3062, 76.4923



35.3976, 22.3062, 73.2574



34.6523, 22.3062, 3.7023

Rectangle

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



11.4214, 22.3062, 4.1555



8.7287, 22.3062, 29.8276



35.3976, 22.3062, 73.2574



42.0157, 22.3062, 19.4800

Sweetspot

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



11.4219, 22.3071, 4.1560



36.4602, 47.6411, 33.3941



23.2008, 27.3170, 4.5022



7.9597, 10.6712, 7.0494



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



11.4219, 22.3071, 4.1560



19.8911, 39.6751, 6.6097



12.6564, 22.7927, 11.0293



6.1481, 6.9338, 6.6202



9.4662, 18.8559, 3.1406



0.1454, 0.2839, 0.0471

Inverse Universe

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



17.7921, 8.7807, 30.0365



31.3865, 15.0247, 53.6795



14.6764, 7.6185, 9.8298



6.4433, 6.3144, 7.8082



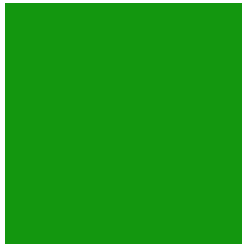
14.9275, 7.1464, 25.5003



0.2280, 0.1093, 0.3815

Previews

White Background



This preview shows how the XYZ color 11.4214, 22.3062, 4.1555 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 11.4214, 22.3062, 4.1555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

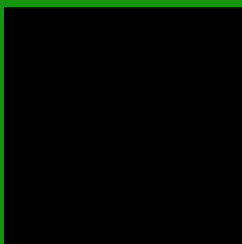
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 11.4214, 22.3062, 4.1555

Background



This preview shows how black text looks on a background with the XYZ color 11.4214, 22.3062, 4.1555.



This preview shows how white text looks on a background with the XYZ color 11.4214, 22.3062,

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

11.4214, 22.3062, 4.1555

Protanopia

19.8367, 22.0763, 3.2156

Deuteranopia

22.2866, 21.9686, 4.6558



Tritanopia

17.2256, 22.1470, 33.0727

Trichromacy



Original Color

11.4214, 22.3062, 4.1555



Protanomaly

14.3714, 20.8972, 3.4197



Deuteranomaly

15.0275, 20.1739, 4.2005



Tritanomaly

13.5905, 21.5342, 16.0106

Monochromacy



Original Color

11.4214, 22.3062, 4.1555



Achromatopsia

11.1181, 11.6971, 12.7381



Achromatomaly

9.6424, 14.1250, 7.5284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4214, 22.3062, 4.1555 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(19, 151, 15)` looks like.

```
.text, #text, p{  
    color:rgb(19, 151, 15)  
}
```

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(19, 151, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 151, 15) }
```

Border

The CSS property to change the border of an element to XYZ 11.4214, 22.3062, 4.1555 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(19, 151, 15) }
```


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

```
.border{ border-color:rgb(19, 151, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 151, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 151, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 151, 15);  
box-shadow:4px 4px 4px 4px rgb(19, 151,  
15) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4214, 22.3062, 4.1555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 151, 15) }
```

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

```
.background{ background-color: rgb(19, 151,  
15) }
```

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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