

Converting Colors

XYZ(14.0015, 21.9745, 11.8173)

Have a look what the booklet for
XYZ(14.0015, 21.9745, 11.8173)
contains.

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Color

**XYZ(14.1095, 22.1198,
11.9134)**

Conversions

Conversions Part 1

Format	Color
Hex	449154
RGB	68, 145, 84
RGB Percent	27%, 57%, 33%
CMY	0.7333, 0.4314, 0.6706
CMYK	0.53, 0.00, 0.42, 0.43
HSL	132°, 36%, 42%
HSV	132°, 53%, 57%
XYZ	14.1095, 22.1198, 11.9134
YIQ	115.0230, -26.3110, -35.2950

Conversions

Conversions Part 2

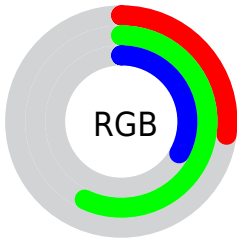
Format	Color
RYB	68, 132, 145
Decimal	4493652
CIELab	54.15, -37.64, 25.30
CIELCh	54, 45.353, 146.098
Yxy	22.1198, 0.2931, 0.4595
Android (android.graphics.Color)	4282683732 (0xFF449154)
YUV	115.0230, -15.2943, -41.2392
Hunter-Lab	47.0317, -28.7555, 17.9037

Details

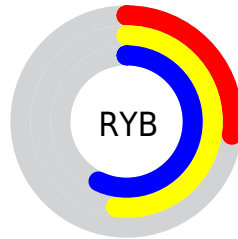
The XYZ color **14.1095, 22.1198, 11.9134** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **17.7073, 11.7393, 22.1021**, and the grayscale version is **16.3537, 17.2054, 18.7367**.

A 20% lighter version of the original color is **32.9834, 47.1674, 29.9201**, and **4.3492, 8.1454, 3.0933** is the 20% darker color. If you saturate the color by 10%, you get **12.8070, 21.4968, 9.6936**, and if you desaturate by 10%, it is **15.7371, 22.9032, 14.5347**.

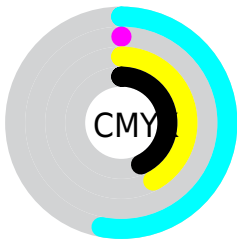
Distribution



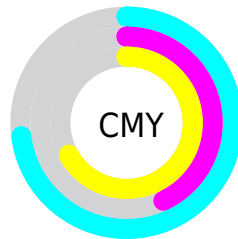
- Red (27%)
- Green (57%)
- Blue (33%)



- Red (27%)
- Yellow (52%)
- Blue (57%)



- Cyan (53%)
- Magenta (0%)
- Yellow (42%)
- Black (43%)



- Cyan (73%)
- Magenta (43%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1095, 22.1198, 11.9134 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 14.1095, 22.1198, 11.9134 by changing the saturation by 10% instead.

■ 14.1095, 22.1198,
11.9134

■ 14.1095, 22.1198,
11.9134

211.4080,
263.1713, 214.7887

■ 8.2791, 13.9450,
6.5629

■ 32.8678, 46.9439,
29.9993

■ 4.3273, 8.0824,
3.1160

■ 46.5265, 64.3620,
43.5718

■ 1.8889, 4.1477,
1.1542

■ 63.5252, 85.6299,
60.7221

■ 0.5704, 1.7565,
0.0000

■ 84.2294, 111.1321,
81.8687

■ 0.0000, 0.4599,
0.0000

■ 109.0044,
141.2529, 107.4300

■ 0.0000, 0.0000,
0.0000

138.2156,

176.3768, 137.8248

172.2284,
216.8881, 173.4715

■ 14.1095, 22.1198,
11.9134

■ 14.1095, 22.1198,
11.9134

■ 12.8070, 21.4968,
9.6936

■ 15.7371, 22.9032,
14.5347

■ 11.8056, 21.0202,
7.8538

■ 17.7083, 23.8541,
17.5743

■ 11.0803, 20.6783,
6.3732

■ 20.0423, 24.9828,
21.0500

■ 10.6017, 20.4564,
5.2279

■ 22.7562, 26.2978,
24.9782

■ 10.3618, 20.3460,
4.6182

■ 25.8662, 27.8069,
29.3742

■ 29.3874, 29.5178,
34.2529

■ 33.3341, 31.4376,
39.6283

■ 37.7201, 33.5729,
45.5139

■ 42.5584, 35.9303,
51.9227

Harmonies

Analogous

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



17.1313, 22.1198, 7.0277



14.1095, 22.1198, 11.9134



12.9281, 22.1198, 22.2876

Triad

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



14.1095, 22.1198, 11.9134



20.3870, 22.1198, 62.4862



30.7152, 22.1198, 14.0245

Complementary

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



14.1095, 22.1198, 11.9134



17.7073, 11.7393, 22.1021

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.



31.9448, 22.1198, 25.9759



14.1095, 22.1198, 11.9134



25.4662, 22.1198, 57.5268

Square

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



14.1095, 22.1198, 11.9134



16.1768, 22.1198, 54.2948



29.8937, 22.1198, 42.5769



26.7544, 22.1198, 7.8705

Rectangle

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



14.1095, 22.1198, 11.9134



13.1821, 22.1198, 32.4048



29.8937, 22.1198, 42.5769



31.4857, 22.1198, 17.3266

Sweetspot

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



14.1101, 22.1207, 11.9139



39.1055, 46.2957, 42.3682



20.3143, 25.3834, 9.2978



8.5016, 10.2031, 9.1395



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.



14.1101, 22.1207, 11.9139



22.4893, 38.2836, 16.5665



16.0165, 22.8833, 21.9533



5.3859, 6.0466, 5.9980



8.8955, 17.4541, 4.0040



0.0917, 0.1696, 0.0735

Inverse Universe

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



17.7073, 11.7393, 22.1021



29.6401, 17.5726, 36.7646



15.6374, 10.9114, 11.2024



5.5789, 5.4921, 6.5465



12.6731, 6.2263, 14.4620



0.1290, 0.0626, 0.1793

Previews

White Background



This preview shows how the XYZ color 14.1095, 22.1198, 11.9134 looks on a white background.

Color Contrast Check

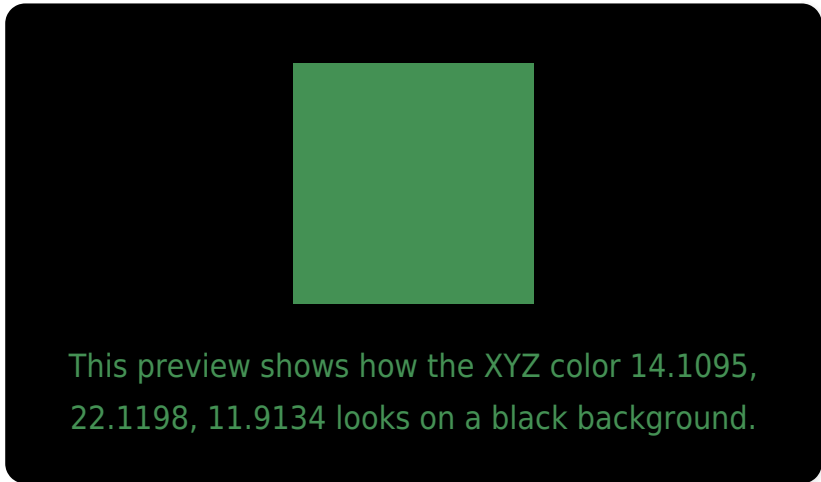
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 14.1095, 22.1198, 11.9134

Background



This preview shows how black text looks on a background with the XYZ color 14.1095, 22.1198, 11.9134.



This preview shows how white text looks on a background with the XYZ color 14.1095, 22.1198,

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

14.1095, 22.1198, 11.9134

Protanopia

20.2099, 21.9133, 10.3722

Deuteranopia

22.2126, 21.7572, 12.4800



Tritanopia

18.0266, 21.9461, 31.7197

Trichromacy



Original Color

14.1095, 22.1198, 11.9134

Protanomaly

17.0514, 21.4845, 10.8376

Deuteranomaly

18.0050, 21.1317, 12.1467

Tritanomaly

16.2216, 21.8565, 22.7658

Monochromacy



Original Color

14.1095, 22.1198, 11.9134

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

14.9965, 18.5179, 15.8806

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1095, 22.1198, 11.9134 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(68, 145, 84)` looks like.

```
.text, #text, p{  
    color:rgb(68, 145, 84)  
}
```

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(68, 145, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 145, 84) }
```

Border

The CSS property to change the border of an element to XYZ 14.1095, 22.1198, 11.9134 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(68, 145, 84) }
```


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

```
.border{ border-color:rgb(68, 145, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 145, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 145, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 145, 84);  
box-shadow:4px 4px 4px 4px rgb(68, 145,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1095, 22.1198, 11.9134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 145, 84) }
```

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

```
.background{ background-color: rgb(68, 145,  
84) }
```

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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