

Converting Colors

XYZ(14.0661, 21.1893, 15.2402)

Have a look what the booklet for
XYZ(14.0661, 21.1893, 15.2402)
contains.

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Color

**XYZ(14.0238, 21.1089,
15.1397)**

Conversions

Conversions Part 1

Format	Color
Hex	428D63
RGB	66, 141, 99
RGB Percent	26%, 55%, 39%
CMY	0.7412, 0.4470, 0.6118
CMYK	0.53, 0.00, 0.30, 0.45
HSL	146°, 36%, 41%
HSV	146°, 53%, 55%
XYZ	14.0238, 21.1089, 15.1397
YIQ	113.7870, -31.2180, -28.9620

Conversions

Conversions Part 2

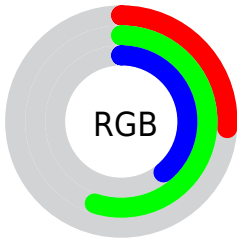
Format	Color
R_{YB}	66, 118, 141
Decimal	4361571
CIE _{Lab}	53.07, -33.50, 15.47
CIE _{LCh}	53, 36.901, 155.213
Yxy	21.1089, 0.2790, 0.4199
Android (android.graphics.Color)	4282551651 (0xFF428D63)
YUV	113.7870, -7.2900, -41.9092
Hunter-Lab	45.9444, -25.9185, 12.6237

Details

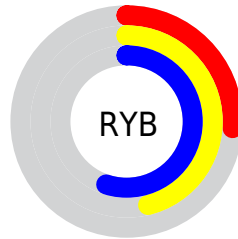
The XYZ color **14.0238, 21.1089, 15.1397** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **15.6402, 10.6423, 15.4180**, and the grayscale version is **15.9587, 16.7898, 18.2841**.

A 20% lighter version of the original color is **32.6279, 45.1542, 35.8501**, and **4.2885, 7.5667, 4.4833** is the 20% darker color. If you saturate the color by 10%, you get **12.8293, 20.5352, 13.2089**, and if you desaturate by 10%, it is **15.4906, 21.8199, 17.2769**.

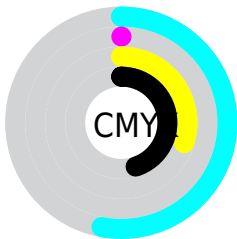
Distribution



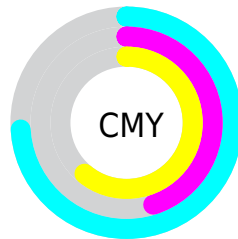
- Red (26%)
- Green (55%)
- Blue (39%)



- Red (26%)
- Yellow (46%)
- Blue (55%)



- Cyan (53%)
- Magenta (0%)
- Yellow (30%)
- Black (45%)



- Cyan (74%)
- Magenta (45%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0238, 21.1089, 15.1397 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 14.0238, 21.1089, 15.1397 by changing the saturation by 10% instead.

■ 14.0238, 21.1089,
15.1397

■ 14.0238, 21.1089,
15.1397

210.8865,
257.8567, 235.8801

■ 8.2190, 13.2036,
8.7698

■ 32.7172, 45.2687,
35.8438

■ 4.2884, 7.5689,
4.4966

■ 46.3365, 62.2920,
51.0151

■ 1.8666, 3.8204,
1.9015

■ 63.2913, 83.1235,
69.9573

■ 0.5573, 1.5736,
0.4937

■ 83.9471, 108.1475,
93.0889

■ 0.0000, 0.3397,
0.0000

■ 108.6692,
137.7484, 120.8284

■ 0.0000, 0.0000,
0.0000

137.8228,

172.3106, 153.5944

171.7735,
212.2186, 191.8054

■ 14.0238, 21.1089,
15.1397

■ 14.0238, 21.1089,
15.1397

■ 12.8293, 20.5352,
13.2089

■ 15.4906, 21.8199,
17.2769

■ 11.8867, 20.0866,
11.4766

■ 17.2448, 22.6740,
19.6252

■ 11.1756, 19.7534,
9.9366

■ 19.3023, 23.6800,
22.1908

■ 10.6711, 19.5228,
8.5818

■ 21.6772, 24.8451,
24.9792

■ 10.3959, 19.3988,
7.7596

■ 24.3830, 26.1760,
27.9958

■ 27.4321, 27.6791,
31.2458

■ 30.8364, 29.3604,
34.7341

■ 34.6072, 31.2257,
38.4656

■ 38.7553, 33.2803,
42.4450

Harmonies

Analogous

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



16.0616, 21.1089, 9.5740



14.0238, 21.1089, 15.1397



13.5131, 21.1089, 24.9806

Triad

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



14.0238, 21.1089, 15.1397



20.7489, 21.1089, 51.5033



26.7967, 21.1089, 12.7340

Complementary

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



14.0238, 21.1089, 15.1397



15.6402, 10.6423, 15.4180

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.



28.4478, 21.1089, 21.0967



14.0238, 21.1089, 15.1397



24.6800, 21.1089, 45.2328

Square

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



14.0238, 21.1089, 15.1397



17.0954, 21.1089, 48.3507



27.6273, 21.1089, 33.1557



23.3565, 21.1089, 8.5315

Rectangle

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



14.0238, 21.1089, 15.1397



14.0423, 21.1089, 33.3401



27.6273, 21.1089, 33.1557



27.5983, 21.1089, 15.0308

Sweetspot

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



14.0244, 21.1098, 15.1402



37.4155, 43.8026, 43.1143



16.7543, 22.6637, 8.6460



8.1857, 9.6995, 9.4298



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



14.0244, 21.1098, 15.1402



22.5687, 36.5798, 22.9474



16.2163, 21.9865, 26.6827



5.4353, 6.0663, 6.2580



9.4865, 17.6904, 7.1158



0.1015, 0.1734, 0.1248

Inverse Universe

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



15.6402, 10.6423, 15.4180



25.7833, 15.7119, 23.4674



14.0707, 10.0145, 7.1529



5.5274, 5.4715, 6.2751



11.3094, 5.6808, 7.2806



0.1192, 0.0588, 0.1281

Previews

White Background



This preview shows how the XYZ color 14.0238, 21.1089, 15.1397 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 14.0238, 21.1089, 15.1397 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 14.0238, 21.1089, 15.1397

Background



This preview shows how black text looks on a background with the XYZ color 14.0238, 21.1089, 15.1397.



This preview shows how white text looks on a background with the XYZ color 14.0238, 21.1089,

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

14.0238, 21.1089, 15.1397

Protanopia

19.3843, 20.8453, 13.1271

Deuteranopia

21.1396, 20.7650, 15.7258



Tritanopia

17.0767, 21.0655, 30.3601

Trichromacy



Original Color

14.0238, 21.1089, 15.1397

Protanomaly

16.6123, 20.3738, 13.8835

Deuteranomaly

17.4536, 20.1796, 15.5455

Tritanomaly

15.7321, 20.9321, 23.9800

Monochromacy



Original Color

14.0238, 21.1089, 15.1397

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

14.8977, 18.0608, 17.1689

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0238, 21.1089, 15.1397 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(66, 141, 99) looks like.

```
.text, #text, p{  
    color:rgb(66, 141, 99)  
}
```

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(66, 141, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 141, 99) }
```

Border

The CSS property to change the border of an element to XYZ 14.0238, 21.1089, 15.1397 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(66, 141, 99) }
```


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

```
.border{ border-color:rgb(66, 141, 99) }
```

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

Here you see how a box with a 4 pixel rgb(66, 141, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 141, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 141, 99);  
box-shadow:4px 4px 4px 4px rgb(66, 141,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0238, 21.1089, 15.1397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 141, 99) }
```

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

```
.background{ background-color: rgb(66, 141,  
99) }
```

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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