

Converting Colors

XYZ(14.0566, 21.6599, 21.2092)

Have a look what the booklet for
XYZ(14.0566, 21.6599, 21.2092)
contains.

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Color

**XYZ(14.0566, 21.6599,
21.2092)**

Conversions

Conversions Part 1

Format	Color
Hex	239078
RGB	35, 144, 120
RGB Percent	14%, 56%, 47%
CMY	0.8627, 0.4353, 0.5294
CMYK	0.76, 0.00, 0.17, 0.44
HSL	167°, 61%, 35%
HSV	167°, 76%, 56%
XYZ	14.0566, 21.6599, 21.2092
YIQ	108.6730, -57.2600, -30.5720

Conversions

Conversions Part 2

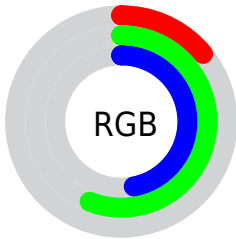
Format	Color
RYB	35, 96, 144
Decimal	2330744
CIELab	53.66, -35.86, 4.17
CIElCh	54, 36.106, 173.360
Yxy	21.6599, 0.2469, 0.3805
Android (android.graphics.Color)	4280520824 (0xFF239078)
YUV	108.6730, 5.5842, -64.6112
Hunter-Lab	46.5402, -27.5327, 5.5586

Details

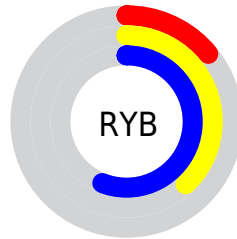
The XYZ color **14.0566, 21.6599, 21.2092** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **12.8929, 7.4478, 4.8968**, and the grayscale version is **14.4404, 15.1924, 16.5446**.

A 20% lighter version of the original color is **32.9068, 46.4221, 46.2557**, and **5.0840, 8.2966, 7.4643** is the 20% darker color. If you saturate the color by 10%, you get **13.4755, 21.3827, 20.1944**, and if you desaturate by 10%, it is **14.8459, 22.0447, 22.2680**.

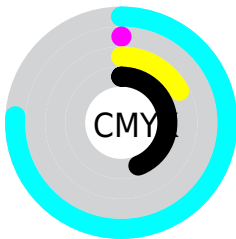
Distribution



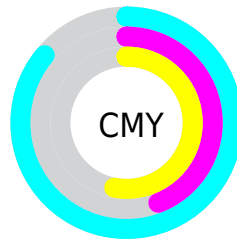
- Red (14%)
- Green (56%)
- Blue (47%)



- Red (14%)
- Yellow (38%)
- Blue (56%)



- Cyan (76%)
- Magenta (0%)
- Yellow (17%)
- Black (44%)



- Cyan (86%)
- Magenta (44%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0566, 21.6599, 21.2092 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 14.0566, 21.6599, 21.2092 by changing the saturation by 10% instead.

■ 14.0566, 21.6599,
21.2092

■ 14.0566, 21.6599,
21.2092

211.0862,
260.7650, 271.2057

■ 8.2420, 13.6072,
13.0843

■ 32.7748, 46.1832,
46.3207

■ 4.3033, 7.8480,
7.3552

■ 46.4092, 63.4227,
64.1444

■ 1.8751, 3.9978,
3.6034

■ 63.3809, 84.4932,
86.0381

■ 0.5623, 1.6724,
1.4104

■ 84.0552, 109.7791,
112.4204

■ 0.0000, 0.4057,
0.1498

■ 108.7976,
139.6648, 143.7097

■ 0.0000, 0.0000,
0.0000

■ 137.9733,

174.5348, 180.3247

171.9477,
214.7734, 222.6838

■ 14.0566, 21.6599,
21.2092

■ 14.0566, 21.6599,
21.2092

■ 13.4755, 21.3827,
20.1944

■ 14.8459, 22.0447,
22.2680

■ 13.0692, 21.1944,
19.2202

■ 15.8635, 22.5460,
23.3706

■ 12.9145, 21.1236,
18.8113

■ 17.1292, 23.1744,
24.5188

■ 18.6601, 23.9387,
25.7135

■ 20.4717, 24.8470,
26.9559

■ 22.5783, 25.9066,
28.2469

■ 24.9932, 27.1244,
29.5874

■ 27.7291, 28.5068,
30.9784

■ 30.7976, 30.0599,
32.4205

Harmonies

Analogous

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



15.1847, 21.6599, 13.0323



14.0566, 21.6599, 21.2092



14.4944, 21.6599, 33.0620

Triad

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



14.0566, 21.6599, 21.2092



23.6743, 21.6599, 48.9925



25.3446, 21.6599, 10.3037

Complementary

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



14.0566, 21.6599, 21.2092



12.8929, 7.4478, 4.8968

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.



28.1848, 21.6599, 16.1162



14.0566, 21.6599, 21.2092



27.1393, 21.6599, 38.6896

Square

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



14.0566, 21.6599, 21.2092



19.7403, 21.6599, 51.6450



28.8796, 21.6599, 26.1297



21.4578, 21.6599, 8.1384

Rectangle

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



14.0566, 21.6599, 21.2092



15.6461, 21.6599, 41.4073



28.8796, 21.6599, 26.1297



26.4721, 21.6599, 11.7881

Sweetspot

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



14.0572, 21.6607, 21.2097



36.8845, 44.2139, 48.0400



12.1672, 21.0430, 5.0111



8.1967, 10.0077, 10.8483



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.



14.0572, 21.6607, 21.2097



23.2300, 37.4630, 34.3771



11.8511, 14.6182, 28.5834



5.5101, 6.0963, 6.6522



11.2548, 18.3978, 16.4277



0.1157, 0.1791, 0.1998

Inverse Universe

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



12.8929, 7.4478, 4.8968



21.1500, 11.1181, 4.5281



13.6430, 9.7258, 2.7489



5.4545, 5.4423, 5.8914



10.2471, 5.2559, 1.6867



0.1050, 0.0531, 0.0531

Previews

White Background



This preview shows how the XYZ color 14.0566, 21.6599, 21.2092 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 14.0566, 21.6599, 21.2092 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 14.0566, 21.6599, 21.2092

Background



This preview shows how black text looks on a background with the XYZ color 14.0566, 21.6599, 21.2092.



This preview shows how white text looks on a background with the XYZ color 14.0566, 21.6599,

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

14.0566, 21.6599, 21.2092

Protanopia

20.1315, 21.3130, 18.0917

Deuteranopia

21.7691, 21.3093, 22.3678



Tritanopia

16.4322, 21.7474, 32.6098

Trichromacy



Original Color

14.0566, 21.6599, 21.2092

Protanomaly

16.3546, 20.5313, 19.0206

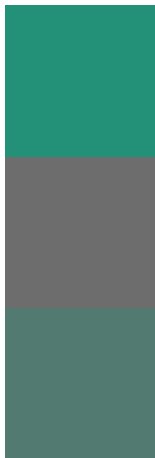
Deuteranomaly

17.1709, 20.4874, 21.7884

Tritanomaly

15.3852, 21.5240, 28.1546

Monochromacy



Original Color

14.0566, 21.6599, 21.2092

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

13.4198, 16.9052, 18.1785

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0566, 21.6599, 21.2092 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(35, 144, 120)` looks like.

```
.text, #text, p{  
    color:rgb(35, 144, 120)  
}
```

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(35, 144, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 144, 120) }
```

Border

The CSS property to change the border of an element to XYZ 14.0566, 21.6599, 21.2092 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(35, 144, 120) }
```


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

```
.border{ border-color:rgb(35, 144, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 144, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 144, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 144, 120);  
box-shadow:4px 4px 4px 4px rgb(35, 144,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0566, 21.6599, 21.2092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 144, 120) }
```

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

```
.background{ background-color: rgb(35, 144,  
120) }
```

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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