

Converting Colors

XYZ(14.7024, 21.5029, 13.1734)

Have a look what the booklet for
XYZ(14.7024, 21.5029, 13.1734)
contains.

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Color

**XYZ(14.7215, 21.5106,
13.2736)**

Conversions

Conversions Part 1

Format	Color
Hex	508D5B
RGB	80, 141, 91
RGB Percent	31%, 55%, 36%
CMY	0.6863, 0.4470, 0.6431
CMYK	0.43, 0.00, 0.35, 0.45
HSL	131°, 28%, 43%
HSV	131°, 43%, 55%
XYZ	14.7215, 21.5106, 13.2736
YIQ	117.0610, -20.3060, -28.4820

Conversions

Conversions Part 2

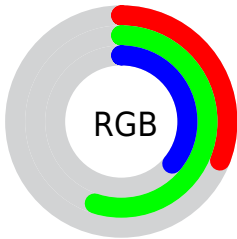
Format	Color
RYB	80, 132, 141
Decimal	5279067
CIELab	53.50, -31.07, 20.67
CIElCh	54, 37.313, 146.368
Yxy	21.5106, 0.2974, 0.4345
Android (android.graphics.Color)	4283469147 (0xFF508D5B)
YUV	117.0610, -12.8481, -32.5025
Hunter-Lab	46.3795, -24.5058, 15.4971

Details

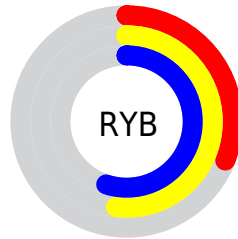
The XYZ color **14.7215, 21.5106, 13.2736** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.8832, 13.0122, 22.6890**, and the grayscale version is **16.9710, 17.8548, 19.4439**.

A 20% lighter version of the original color is **33.9133, 45.8887, 32.6612**, and **4.5897, 7.7411, 3.6351** is the 20% darker color. If you saturate the color by 10%, you get **13.1929, 20.7764, 10.7971**, and if you desaturate by 10%, it is **16.5779, 22.4061, 16.1673**.

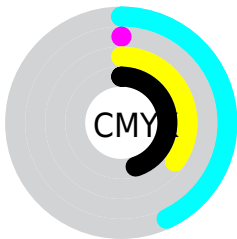
Distribution



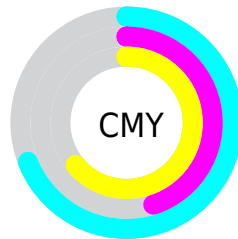
- Red (31%)
- Green (55%)
- Blue (36%)



- Red (31%)
- Yellow (52%)
- Blue (55%)



- Cyan (43%)
- Magenta (0%)
- Yellow (35%)
- Black (45%)



- Cyan (69%)
- Magenta (45%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7215, 21.5106, 13.2736 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 14.7215, 21.5106, 13.2736 by changing the saturation by 10% instead.

■ 14.7215, 21.5106,
13.2736

■ 14.7215, 21.5106,
13.2736

215.0963,
259.9797, 223.9328

■ 8.7092, 13.4977,
7.4843

■ 33.9395, 45.9358,
32.4928

■ 4.6076, 7.7722,
3.6838

■ 47.8760, 63.1169,
46.7598

■ 2.0513, 3.9495,
1.4535

■ 65.1846, 84.1229,
64.6897

■ 0.6625, 1.6454,
0.1829

■ 86.2306, 109.3381,
86.7012

■ 0.0000, 0.3879,
0.0000

■ 111.3794,
139.1471, 113.2127

■ 0.0000, 0.0000,
0.0000

140.9964,

173.9340, 144.6427

175.4469,
214.0835, 181.4100

■ 14.7215, 21.5106,
13.2736

■ 14.7215, 21.5106,
13.2736

■ 13.1929, 20.7764,
10.7971

■ 16.5779, 22.4061,
16.1673

■ 11.9712, 20.1914,
8.7171

■ 18.7781, 23.4690,
19.4947

■ 11.0355, 19.7458,
7.0134


■ 21.3391, 24.7082,
23.2731


■ 10.3618, 19.4276,
5.6634


■ 24.2761, 26.1314,
27.5186


■ 9.9217, 19.2229,
4.6421


■ 27.6037, 27.7456,
32.2463

 9.7054, 19.1227,
4.1236

 31.3354, 29.5576,
37.4707

 35.4844, 31.5739,
43.2058

 40.0630, 33.8004,
49.4649

 45.0831, 36.2432,
56.2609

Harmonies

Analogous

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



17.2366, 21.5106, 8.7794



14.7215, 21.5106, 13.2736



13.7297, 21.5106, 22.0625

Triad

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



14.7215, 21.5106, 13.2736



19.9650, 21.5106, 52.7430



28.0818, 21.5106, 14.9864

Complementary

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



14.7215, 21.5106, 13.2736



17.8832, 13.0122, 22.6890

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.



29.0559, 21.5106, 24.8349



14.7215, 21.5106, 13.2736



24.0291, 21.5106, 49.0002

Square

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



14.7215, 21.5106, 13.2736



16.4993, 21.5106, 46.7678



27.4880, 21.5106, 37.7485



24.9748, 21.5106, 9.5199

Rectangle

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



14.7215, 21.5106, 13.2736



13.9566, 21.5106, 30.1435



27.4880, 21.5106, 37.7485



28.6855, 21.5106, 17.7812

Sweetspot

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



14.7221, 21.5115, 13.2741



38.2053, 44.2427, 41.6651



20.3080, 24.4420, 11.2370



8.3186, 9.7778, 8.9920



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.



14.7221, 21.5115, 13.2741



23.6617, 37.2230, 19.3953



16.2646, 22.1285, 21.3969



5.3801, 6.0443, 5.9677



8.8537, 17.4373, 3.7837



0.0906, 0.1691, 0.0675

Inverse Universe

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



17.8832, 13.0122, 22.6890



30.0899, 19.9088, 38.5179



16.1702, 12.3270, 13.6689



5.5851, 5.4946, 6.5792



12.8729, 6.3062, 15.5137



0.1301, 0.0631, 0.1854

Previews

White Background



This preview shows how the XYZ color 14.7215, 21.5106, 13.2736 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 14.7215, 21.5106, 13.2736 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 14.7215, 21.5106, 13.2736

Background



This preview shows how black text looks on a background with the XYZ color 14.7215, 21.5106, 13.2736.



This preview shows how white text looks on a background with the XYZ color 14.7215, 21.5106,

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

14.7215, 21.5106, 13.2736

Protanopia

19.7103, 21.2379, 11.6548

Deuteranopia

21.6028, 21.2293, 13.7856



Tritanopia

18.0496, 21.3698, 29.9615

Trichromacy



Original Color

14.7215, 21.5106, 13.2736

Protanomaly

17.3077, 20.9726, 12.1527

Deuteranomaly

18.3281, 20.8686, 13.6517

Tritanomaly

16.6718, 21.4467, 22.6630

Monochromacy



Original Color

14.7215, 21.5106, 13.2736

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

15.8765, 18.9475, 17.0078

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7215, 21.5106, 13.2736 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(80, 141, 91)` looks like.

```
.text, #text, p{  
    color:rgb(80, 141, 91)  
}
```

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(80, 141, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 141, 91) }
```

Border

The CSS property to change the border of an element to XYZ 14.7215, 21.5106, 13.2736 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(80, 141, 91) }
```


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

```
.border{ border-color:rgb(80, 141, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 141, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 141, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 141, 91);  
box-shadow:4px 4px 4px 4px rgb(80, 141,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7215, 21.5106, 13.2736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 141, 91) }
```

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

```
.background{ background-color: rgb(80, 141,  
91) }
```

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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