

Converting Colors

XYZ(15.4729, 20.6255, 14.2228)

Have a look what the booklet for
XYZ(15.4729, 20.6255, 14.2228)
contains.

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Color

**XYZ(15.4946, 20.6054,
14.2269)**

Conversions

Conversions Part 1

Format	Color
Hex	5F8760
RGB	95, 135, 96
RGB Percent	37%, 53%, 38%
CMY	0.6274, 0.4706, 0.6235
CMYK	0.30, 0.00, 0.29, 0.47
HSL	122°, 17%, 45%
HSV	122°, 30%, 53%
XYZ	15.4946, 20.6054, 14.2269
YIQ	118.5940, -11.3210, -20.6090

Conversions

Conversions Part 2

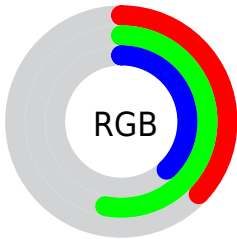
Format	Color
R_{YB}	95, 134, 135
Decimal	6260576
CIE _{Lab}	52.51, -22.18, 16.64
CIE _{LCh}	53, 27.732, 143.124
Y _{xy}	20.6054, 0.3079, 0.4094
Android (android.graphics.Color)	4284450656 (0xFF5F8760)
YUV	118.5940, -11.1388, -20.6919
Hunter-Lab	45.3932, -18.5085, 13.1928

Details

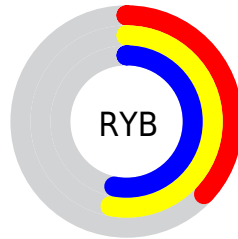
The XYZ color **15.4946, 20.6054, 14.2269** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.3876, 15.0569, 24.4922**, and the grayscale version is **17.4434, 18.3518, 19.9851**.

A 20% lighter version of the original color is **35.2823, 44.2761, 34.2903**, and **4.9752, 7.3231, 4.0570** is the 20% darker color. If you saturate the color by 10%, you get **13.6559, 19.7224, 11.2381**, and if you desaturate by 10%, it is **17.6790, 21.6561, 17.7625**.

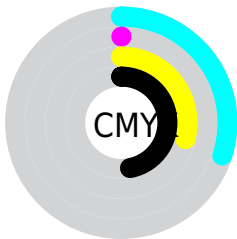
Distribution



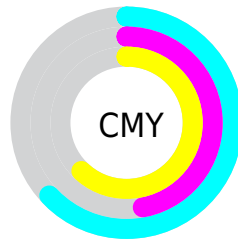
- Red (37%)
- Green (53%)
- Blue (38%)



- Red (37%)
- Yellow (53%)
- Blue (53%)



- Cyan (30%)
- Magenta (0%)
- Yellow (29%)
- Black (47%)



- Cyan (63%)
- Magenta (47%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4946, 20.6054, 14.2269 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 15.4946, 20.6054, 14.2269 by changing the saturation by 10% instead.

■ 15.4946, 20.6054,
14.2269

■ 15.4946, 20.6054,
14.2269

219.6702,
255.1739, 230.1152

■ 9.2558, 12.8359,
8.1381

■ 35.2831, 44.4299,
34.2140

■ 4.9669, 7.3156,
4.0944

■ 49.5636, 61.2536,
48.9494

■ 2.2624, 3.6603,
1.6773

■ 67.2553, 81.8642,
67.4040

■ 0.7753, 1.4854,
0.3451

■ 88.7236, 106.6461,
89.9964

■ 0.0000, 0.2784,
0.0000

114.3339,
135.9836, 117.1452

■ 0.0000, 0.0000,
0.0000

144.4515,

170.2611, 149.2689

179.4419,
209.8631, 186.7861

■ 15.4946, 20.6054,
14.2269

■ 15.4946, 20.6054,
14.2269

■ 13.6559, 19.7224,
11.2381

■ 17.6790, 21.6561,
17.7625

■ 12.1436, 18.9959,
8.7674

■ 20.2237, 22.8797,
21.8689

■ 10.9391, 18.4175,
6.7860

■ 23.1446, 24.2845,
26.5701

■ 10.0213, 17.9772,
5.2612

■ 26.4562, 25.8773,
31.8885

■ 9.3665, 17.6634,
4.1567

■ 30.1719, 27.6649,
37.8454

■ 8.9469, 17.4627,
3.4305

■ 34.3050, 29.6534,
44.4610

■ 8.6918, 17.3405,
2.9999

■ 38.8677, 31.8488,
51.7545

■ 8.6829, 17.3362,
2.9856

■ 43.8719, 34.2570,
59.7445

■ 49.3292, 36.8833,
68.4489

Harmonies

Analogous

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



17.4970, 20.6054, 10.8158



15.4946, 20.6054, 14.2269



14.6021, 20.6054, 20.5967

Triad

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



15.4946, 20.6054, 14.2269



18.9317, 20.6054, 42.0634



25.1096, 20.6054, 16.7849

Complementary

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



15.4946, 20.6054, 14.2269



18.3876, 15.0569, 24.4922

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.



25.5889, 20.6054, 24.3811



15.4946, 20.6054, 14.2269



21.8324, 20.6054, 40.3303

Square

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



15.4946, 20.6054, 14.2269



16.4571, 20.6054, 37.5978



24.3381, 20.6054, 33.3162



23.0857, 20.6054, 12.0211

Rectangle

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



15.4946, 20.6054, 14.2269



14.6881, 20.6054, 26.2182



24.3381, 20.6054, 33.3162



25.4643, 20.6054, 19.0359

Sweetspot

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



15.4951, 20.6063, 14.2274



36.4256, 41.0724, 39.5004



20.6152, 23.2510, 14.2279



8.2899, 9.4418, 8.9127



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



15.4951, 20.6063, 14.2274



25.3235, 35.7351, 21.5400



16.5169, 21.0150, 19.6078



4.6207, 5.2065, 5.0137



8.0071, 15.9857, 2.7570



0.0280, 0.0555, 0.0111

Inverse Universe

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



18.3876, 15.0569, 24.4922



31.4303, 24.0175, 43.2107



17.1408, 14.5582, 17.9264



4.8530, 4.7609, 5.8382



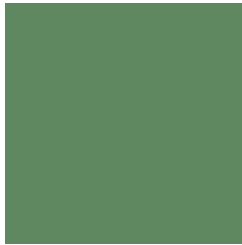
13.0311, 6.2768, 20.5339



0.0455, 0.0219, 0.0732

Previews

White Background



This preview shows how the XYZ color 15.4946, 20.6054, 14.2269 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 15.4946, 20.6054, 14.2269 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 15.4946, 20.6054, 14.2269

Background



This preview shows how black text looks on a background with the XYZ color 15.4946, 20.6054, 14.2269.



This preview shows how white text looks on a background with the XYZ color 15.4946, 20.6054,

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

15.4946, 20.6054, 14.2269

Protanopia

19.0535, 20.4909, 12.8484

Deuteranopia

20.8227, 20.4448, 14.6531



Tritanopia

18.1774, 20.4775, 27.8054

Trichromacy



Original Color

15.4946, 20.6054, 14.2269

Protanomaly

17.5718, 20.4839, 13.3836

Deuteranomaly

18.2906, 20.0611, 14.4634

Tritanomaly

17.0099, 20.3972, 22.1093

Monochromacy



Original Color

15.4946, 20.6054, 14.2269

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

16.6333, 19.1299, 17.8547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4946, 20.6054, 14.2269 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(95, 135, 96)` looks like.

```
.text, #text, p{  
    color:rgb(95, 135, 96)  
}
```

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(95, 135, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 135, 96) }
```

Border

The CSS property to change the border of an element to XYZ 15.4946, 20.6054, 14.2269 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(95, 135, 96) }
```


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

```
.border{ border-color:rgb(95, 135, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 135, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 135, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 135, 96);  
box-shadow:4px 4px 4px 4px rgb(95, 135,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4946, 20.6054, 14.2269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 135, 96) }
```

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

```
.background{ background-color: rgb(95, 135,  
96) }
```

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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