

Converting Colors

XYZ(20.6014, 26.0181, 15.0598)

Have a look what the booklet for
XYZ(20.6014, 26.0181, 15.0598)
contains.

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Color

**XYZ(20.5864, 26.0893,
15.0170)**

Conversions

Conversions Part 1

Format	Color
Hex	799460
RGB	121, 148, 96
RGB Percent	47%, 58%, 38%
CMY	0.5255, 0.4196, 0.6235
CMYK	0.18, 0.00, 0.35, 0.42
HSL	91°, 21%, 48%
HSV	91°, 35%, 58%
XYZ	20.5864, 26.0893, 15.0170
YIQ	133.9990, 0.6000, -21.8960

Conversions

Conversions Part 2

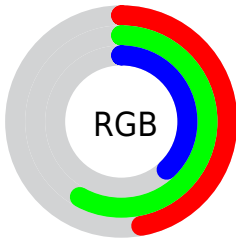
Format	Color
RYB	96, 148, 123
Decimal	7967840
CIELab	58.12, -19.22, 24.46
CIELCh	58, 31.108, 128.150
Yxy	26.0893, 0.3337, 0.4229
Android (android.graphics.Color)	4286157920 (0xFF799460)
YUV	133.9990, -18.7335, -11.4001
Hunter-Lab	51.0777, -17.4431, 18.3229

Details

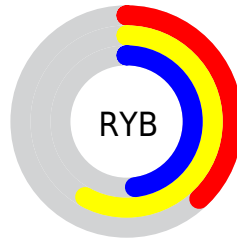
The XYZ color **20.5864, 26.0893, 15.0170** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.6976, 14.7155, 29.9260**, and the grayscale version is **22.7267, 23.9103, 26.0383**.

A 20% lighter version of the original color is **43.8425, 53.3463, 35.5899**, and **7.4276, 10.1107, 4.4658** is the 20% darker color. If you saturate the color by 10%, you get **18.9339, 25.3097, 11.7115**, and if you desaturate by 10%, it is **22.4544, 26.9668, 19.0034**.

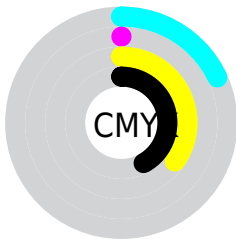
Distribution



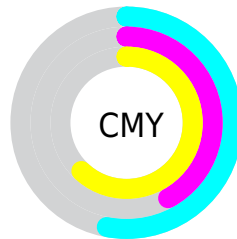
- Red (47%)
- Green (58%)
- Blue (38%)



- Red (38%)
- Yellow (58%)
- Blue (48%)



- Cyan (18%)
- Magenta (0%)
- Yellow (35%)
- Black (42%)



- Cyan (53%)
- Magenta (42%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5864, 26.0893, 15.0170 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 20.5864, 26.0893, 15.0170 by changing the saturation by 10% instead.

■ 20.5864, 26.0893,
15.0170

■ 20.5864, 26.0893,
15.0170

247.8457,
283.2202, 235.1134

■ 12.9327, 16.8905,
8.6846

■ 43.8946, 53.4190,
35.6257

■ 7.4589, 10.1564,
4.4420

■ 60.2800, 72.3186,
50.7391

■ 3.7996, 5.5028,
1.8708

■ 80.3065, 95.2206,
69.6165

■ 1.5894, 2.5452,
0.4741

■ 104.3397,
122.5094, 92.6765

■ 0.3855, 0.8992,
0.0000

132.7449,
154.5693, 120.3377

■ 0.0000, 0.0000,
0.0000

165.8873,

191.7849, 153.0185

204.1325,
234.5403, 191.1376

■ 20.5864, 26.0893,
15.0170

■ 20.5864, 26.0893,
15.0170

■ 18.9339, 25.3097,
11.7115

■ 22.4544, 26.9668,
19.0034

■ 17.4856, 24.6205,
9.0471

■ 24.5444, 27.9424,
23.7041

■ 16.2323, 24.0188,
6.9824


■ 26.8653, 29.0206,
29.1524


■ 15.1630, 23.4999,
5.4706


■ 29.4245, 30.2048,
35.3790


■ 14.2651, 23.0585,
4.4579


■ 32.2294, 31.4980,
42.4128


 13.5228, 22.6880,
3.8732

 35.2868, 32.9031,
50.2814

 13.2000, 22.5262,
3.6523

 38.6034, 34.4231,
59.0108

 42.1855, 36.0606,
68.6263

 46.0392, 37.8183,
79.1517

Harmonies

Analogous

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



23.7843, 26.0893, 12.4226



20.5864, 26.0893, 15.0170



18.6633, 26.0893, 21.3646

Triad

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



20.5864, 26.0893, 15.0170



22.1978, 26.0893, 52.3389



32.6806, 26.0893, 25.5662

Complementary

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



20.5864, 26.0893, 15.0170



17.6976, 14.7155, 29.9260

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.



32.1460, 26.0893, 36.8479



20.5864, 26.0893, 15.0170



25.8382, 26.0893, 54.2874

Square

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



20.5864, 26.0893, 15.0170



19.5260, 26.0893, 43.2447



29.5460, 26.0893, 48.0422



30.9405, 26.0893, 17.4227

Rectangle

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



20.5864, 26.0893, 15.0170



18.2392, 26.0893, 27.7425



29.5460, 26.0893, 48.0422



32.7641, 26.0893, 29.0817

Sweetspot

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



20.5871, 26.0904, 15.0176



44.8596, 50.0235, 45.4268



21.3915, 21.2742, 14.0455



10.1290, 11.3675, 10.1101



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



20.5871, 26.0904, 15.0176



34.0437, 44.9573, 21.9006



17.5660, 24.5284, 15.0857



5.9790, 6.5970, 6.1987



11.3056, 19.2561, 3.1209



0.1721, 0.2531, 0.0398

Inverse Universe

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



17.6976, 14.7155, 29.9260



28.1759, 21.8620, 52.1693



21.6736, 16.7731, 29.7553



5.7695, 5.7722, 7.2798



7.2013, 3.1850, 24.1662



0.1222, 0.0565, 0.2974

Previews

White Background



This preview shows how the XYZ color 20.5864, 26.0893, 15.0170 looks on a white background.

Color Contrast Check

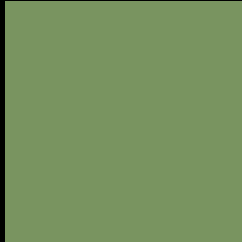
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.5864, 26.0893, 15.0170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

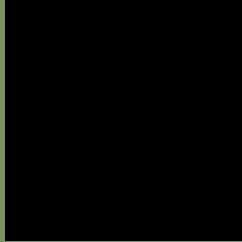
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.5864, 26.0893, 15.0170

Background



This preview shows how black text looks on a background with the XYZ color 20.5864, 26.0893, 15.0170.



This preview shows how white text looks on a background with the XYZ color 20.5864, 26.0893,

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

20.5864, 26.0893, 15.0170

Protanopia

23.9269, 25.8173, 13.8474

Deuteranopia

26.3655, 25.7829, 15.3914



Tritanopia

24.2456, 25.9839, 33.4433

Trichromacy



Original Color

20.5864, 26.0893, 15.0170

Protanomaly

22.4640, 25.7118, 14.1348

Deuteranomaly

23.8708, 25.5428, 15.2274

Tritanomaly

22.7423, 26.0481, 25.6589

Monochromacy



Original Color

20.5864, 26.0893, 15.0170

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

21.6760, 24.4884, 21.3536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5864, 26.0893, 15.0170 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(121, 148, 96)` looks like.

```
.text, #text, p{  
    color:rgb(121, 148, 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(121, 148, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 148, 96) }
```

Border

The CSS property to change the border of an element to XYZ 20.5864, 26.0893, 15.0170 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(121, 148, 96) }
```


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

```
.border{ border-color:rgb(121, 148, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 148, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 148, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 148, 96);  
box-shadow:4px 4px 4px 4px rgb(121, 148,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5864, 26.0893, 15.0170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 148, 96) }
```

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

```
.background{ background-color: rgb(121,  
148, 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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