

Converting Colors

XYZ(20.1271, 26.0862, 6.2161)

Have a look what the booklet for
XYZ(20.1271, 26.0862, 6.2161)
contains.

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Color

**XYZ(20.0792, 26.0214,
6.2498)**

Conversions

Conversions Part 1

Format	Color
Hex	81942B
RGB	129, 148, 43
RGB Percent	51%, 58%, 17%
CMY	0.4941, 0.4196, 0.8314
CMYK	0.13, 0.00, 0.71, 0.42
HSL	71°, 55%, 37%
HSV	71°, 71%, 58%
XYZ	20.0792, 26.0214, 6.2498
YIQ	130.3490, 22.3810, -36.6830

Conversions

Conversions Part 2

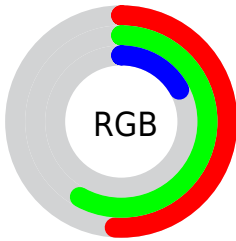
Format	Color
R_{YB}	43, 148, 62
Decimal	8492075
CIE _{Lab}	58.06, -21.43, 50.54
CIE _{LCh}	58, 54.890, 112.975
Y _{xy}	26.0214, 0.3836, 0.4971
Android (android.graphics.Color)	4286682155 (0xFF81942B)
YUV	130.3490, -43.0631, -1.1831
Hunter-Lab	51.0112, -19.0078, 28.4437

Details

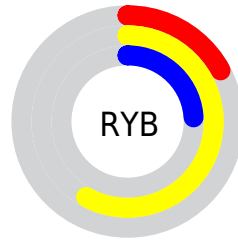
The XYZ color **20.0792, 26.0214, 6.2498** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **8.1967, 4.8906, 28.5306**, and the grayscale version is **21.4849, 22.6037, 24.6155**.

A 20% lighter version of the original color is **42.9533, 53.2576, 18.8423**, and **7.2552, 10.0859, 1.5644** is the 20% darker color. If you saturate the color by 10%, you get **19.4541, 25.7259, 5.0516**, and if you desaturate by 10%, it is **20.8147, 26.3642, 7.9686**.

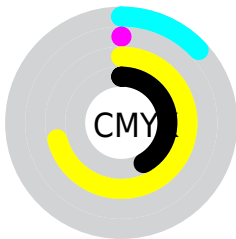
Distribution



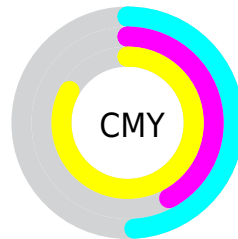
- Red (51%)
- Green (58%)
- Blue (17%)



- Red (17%)
- Yellow (58%)
- Blue (24%)



- Cyan (13%)
- Magenta (0%)
- Yellow (71%)
- Black (42%)



- Cyan (49%)
- Magenta (42%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.0792, 26.0214, 6.2498 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 20.0792, 26.0214, 6.2498 by changing the saturation by 10% instead.

20.0792, 26.0214,
6.2498

20.0792, 26.0214,
6.2498

245.1689,
282.8871, 170.6631

12.5612, 16.8397,
2.9263

43.0529, 53.3095,
18.9338

7.2020, 10.1202,
1.0571

59.2393, 72.1846,
29.1313

3.6362, 5.4787,
0.0000

79.0458, 95.0596,
42.4574

1.4985, 2.5308,
0.0000

102.8380,
122.3189, 59.3304

0.3248, 0.8920,
0.0000

130.9810,
154.3469, 80.1689

0.0000, 0.0000,
0.0000

163.8402,

191.5280, 105.3915

201.7811,
234.2466, 135.4167

■ 20.0792, 26.0214,
6.2498

■ 20.0792, 26.0214,
6.2498

■ 19.4541, 25.7259,
5.0516

■ 20.8147, 26.3642,
7.9686

■ 18.9263, 25.4696,
4.3131

■ 21.6686, 26.7546,
10.2568

■ 18.5060, 25.2616,
3.9006

■ 22.6498, 27.1972,
13.1595

■ 23.7662, 27.6951,
16.7168

■ 25.0247, 28.2512,
20.9653

■ 26.4319, 28.8680,
25.9391

■ 27.9938, 29.5480,
31.6698

■ 29.7164, 30.2935,
38.1874

■ 31.6048, 31.1067,
45.5201

Harmonies

Analogous

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



26.3259, 26.0214, 5.3398



20.0792, 26.0214, 6.2498



15.8808, 26.0214, 11.5343

Triad

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



20.0792, 26.0214, 6.2498



17.8179, 26.0214, 68.6632



39.6795, 26.0214, 33.0406

Complementary

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



20.0792, 26.0214, 6.2498



8.1967, 4.8906, 28.5306

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.



36.3812, 26.0214, 56.5227



20.0792, 26.0214, 6.2498



23.2048, 26.0214, 82.2719

Square

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



20.0792, 26.0214, 6.2498



14.7475, 26.0214, 45.1228



30.0545, 26.0214, 77.0453



38.4369, 26.0214, 16.3295

Rectangle

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



20.0792, 26.0214, 6.2498



14.4289, 26.0214, 18.9247



30.0545, 26.0214, 77.0453



39.0479, 26.0214, 40.4341

Sweetspot

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



20.0798, 26.0226, 6.2503



44.0410, 49.7959, 36.6058



14.2919, 9.7554, 3.4155



9.9226, 11.3096, 7.9070



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.



20.0798, 26.0226, 6.2503



33.7685, 45.1212, 8.0717



14.1688, 22.9753, 5.9737



6.1636, 6.6922, 6.2073



15.8269, 21.5869, 3.3325



0.2153, 0.2753, 0.0418

Inverse Universe

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



8.1967, 4.8906, 28.5306



11.6146, 5.5389, 49.8916



13.0201, 7.3772, 28.7563



5.5916, 5.6805, 7.2715



4.9648, 2.0320, 24.0616



0.0790, 0.0343, 0.2954

Previews

White Background



This preview shows how the XYZ color 20.0792, 26.0214, 6.2498 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 20.0792, 26.0214, 6.2498 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 20.0792, 26.0214, 6.2498

Background



This preview shows how black text looks on a background with the XYZ color 20.0792, 26.0214, 6.2498.



This preview shows how white text looks on a background with the XYZ color 20.0792, 26.0214,

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

20.0792, 26.0214, 6.2498

Protanopia

23.4886, 25.9842, 5.8753

Deuteranopia

26.2612, 25.7229, 6.4866



Tritanopia

25.3285, 25.9223, 32.1023

Trichromacy



Original Color

20.0792, 26.0214, 6.2498

Protanomaly

22.0944, 25.9231, 6.0296

Deuteranomaly

23.7021, 25.6513, 6.3913

Tritanomaly

22.6408, 25.7060, 18.5203

Monochromacy



Original Color

20.0792, 26.0214, 6.2498

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.3562, 23.5190, 15.0220

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.0792, 26.0214, 6.2498 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(129, 148, 43)` looks like.

```
.text, #text, p{  
    color:rgb(129, 148, 43)  
}
```

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(129, 148, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 148, 43) }
```

Border

The CSS property to change the border of an element to XYZ 20.0792, 26.0214, 6.2498 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(129, 148, 43) }
```


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

```
.border{ border-color:rgb(129, 148, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 148, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 148, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 148, 43);  
box-shadow:4px 4px 4px 4px rgb(129, 148,  
43) }
```

Background

The CSS property to change the background color of an element to XYZ 20.0792, 26.0214, 6.2498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 148, 43) }
```

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

```
.background{ background-color: rgb(129,  
148, 43) }
```

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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