

Converting Colors

XYZ(20.8101, 17.1842, 9.8095)

Have a look what the booklet for
XYZ(20.8101, 17.1842, 9.8095)
contains.

XYZ(20.8101, 17.1842, 9.8095)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(20.8101, 17.1842,
9.8095)**

Conversions

Conversions Part 1

Format	Color
Hex	A26350
RGB	162, 99, 80
RGB Percent	64%, 39%, 31%
CMY	0.3647, 0.6117, 0.6863
CMYK	0.00, 0.39, 0.51, 0.36
HSL	14°, 34%, 47%
HSV	14°, 51%, 64%
XYZ	20.8101, 17.1842, 9.8095
YIQ	115.6710, 43.6470, 7.4470

Conversions

Conversions Part 2

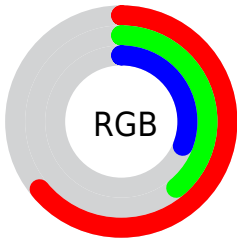
Format	Color
R_{YB}	162, 105, 80
Decimal	10642256
CIE _{Lab}	48.49, 23.38, 21.53
CIE _{LCh}	48, 31.784, 42.648
Yxy	17.1842, 0.4353, 0.3595
Android (android.graphics.Color)	4288832336 (0xFFA26350)
YUV	115.6710, -17.5858, 40.6305
Hunter-Lab	41.4538, 17.0640, 14.9875

Details

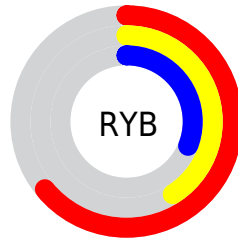
The XYZ color **20.8101, 17.1842, 9.8095** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.6519, 23.9581, 37.7710**, and the grayscale version is **16.5429, 17.4044, 18.9534**.

A 20% lighter version of the original color is **44.0822, 38.4577, 25.8686**, and **7.5506, 5.6148, 2.2759** is the 20% darker color. If you saturate the color by 10%, you get **19.1926, 14.7944, 6.6649**, and if you desaturate by 10%, it is **22.7545, 19.9969, 13.7754**.

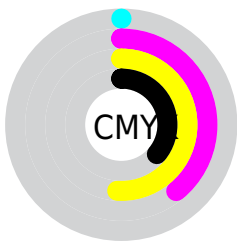
Distribution



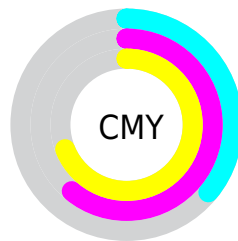
- Red (64%)
- Green (39%)
- Blue (31%)



- Red (64%)
- Yellow (41%)
- Blue (31%)



- Cyan (0%)
- Magenta (39%)
- Yellow (51%)
- Black (36%)





- Cyan (36%)
- Magenta (61%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 20.8101, 17.1842, 9.8095 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 20.8101, 17.1842, 9.8095 by changing the saturation by 10% instead.


 20.8101, 17.1842,
9.8095

 20.8101, 17.1842,
9.8095


249.0184,
236.2316, 199.7422


 13.0969, 10.3659,
5.1689


 44.2649, 38.6422,
26.0388


 7.5728, 5.6422,
2.2862


 60.7373, 54.0507,
38.4645


 3.8723, 2.6288,
0.7235

 80.8601, 73.0914,
54.3223

 1.6302, 0.9412,
0.0000

 104.9988, 96.1487,
74.0308

 0.4119, 0.0000,
0.0000

 133.5185,
123.6070, 98.0085

 0.0000, 0.0000,
0.0000

166.7848,

155.8506, 126.6739

205.1630,
193.2641, 160.4456

■ 20.8101, 17.1842,
9.8095

■ 20.8101, 17.1842,
9.8095

■ 19.1926, 14.7944,
6.6649

■ 22.7545, 19.9969,
13.7754

■ 17.8819, 12.8042,
4.2823

■ 25.0419, 23.2493,
18.6143

■ 16.8575, 11.1916,
2.5959

■ 27.6885, 26.9603,
24.3746

■ 16.0955, 9.9317,
1.5282

■ 30.7095, 31.1471,
31.1011

■ 15.5789, 9.0386,
0.9235

■ 34.1189, 35.8257,
38.8354

■ 37.9301, 41.0116,
47.6170

■ 42.1557, 46.7195,
57.4828

■ 46.8079, 52.9636,
68.4684

■ 51.8984, 59.7574,
80.6074

Harmonies

Analogous

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



22.4321, 17.1842, 15.4127



20.8101, 17.1842, 9.8095



18.0616, 17.1842, 7.1943

Triad

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



20.8101, 17.1842, 9.8095



11.5479, 17.1842, 14.3218



17.5908, 17.1842, 39.1388

Complementary

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



20.8101, 17.1842, 9.8095



19.6519, 23.9581, 37.7710

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.



14.7185, 17.1842, 38.5840



20.8101, 17.1842, 9.8095



11.4537, 17.1842, 22.4484

Square

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



20.8101, 17.1842, 9.8095



12.8239, 17.1842, 9.2165



12.5491, 17.1842, 31.8221



20.4303, 17.1842, 33.1674

Rectangle

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



20.8101, 17.1842, 9.8095



16.0756, 17.1842, 6.8238



12.5491, 17.1842, 31.8221



16.5933, 17.1842, 39.7508

Sweetspot

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



20.8105, 17.1851, 9.8098



53.1044, 52.8875, 50.5374



22.8209, 15.4396, 28.2566



11.6818, 11.5382, 10.8053



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



20.8105, 17.1851, 9.8098



34.4398, 26.2536, 11.3438



25.5472, 26.6584, 11.3887



7.2008, 7.3400, 7.4173



12.3019, 7.1777, 0.7371



0.2916, 0.2170, 0.0265

Inverse Universe

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



19.6519, 23.9581, 37.7710



32.0393, 39.8993, 68.0688



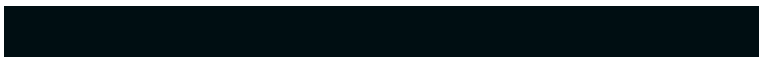
14.7035, 14.0613, 36.1215



7.1363, 7.7316, 9.0193



10.8952, 13.5697, 28.9748



0.2612, 0.3496, 0.6196

Previews

White Background



This preview shows how the XYZ color 20.8101, 17.1842, 9.8095 looks on a white 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

Black Background



This preview shows how the XYZ color 20.8101, 17.1842, 9.8095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

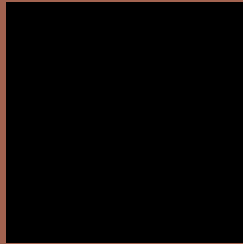
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 20.8101, 17.1842, 9.8095

Background



This preview shows how black text looks on a background with the XYZ color 20.8101, 17.1842, 9.8095.



This preview shows how white text looks on a background with the XYZ color 20.8101, 17.1842,

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

20.8101, 17.1842, 9.8095

Protanopia

16.1632, 17.2347, 11.4916

Deuteranopia

17.5408, 17.3222, 9.6267



Tritanopia

21.9409, 17.2375, 15.0027

Trichromacy



Original Color

20.8101, 17.1842, 9.8095

Protanomaly

17.5501, 16.9806, 10.7401

Deuteranomaly

18.7016, 17.2829, 9.7474

Tritanomaly

21.4445, 17.1621, 13.0088

Monochromacy



Original Color

20.8101, 17.1842, 9.8095

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.6970, 17.1177, 15.2033

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.8101, 17.1842, 9.8095 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(162, 99, 80)` looks like.

```
.text, #text, p{  
    color:rgb(162, 99, 80)  
}
```

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(162, 99, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 99, 80) }
```

Border

The CSS property to change the border of an element to XYZ 20.8101, 17.1842, 9.8095 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(162, 99, 80) }
```


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

```
.border{ border-color:rgb(162, 99, 80) }
```

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

Here you see how a box with a 4 pixel rgb(162, 99, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 99, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 99, 80);  
box-shadow:4px 4px 4px 4px rgb(162, 99,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 20.8101, 17.1842, 9.8095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 99, 80) }
```

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

```
.background{ background-color: rgb(162, 99,  
80) }
```

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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