

Converting Colors

XYZ(20.2059, 20.7532, 14.5400)

Have a look what the booklet for
XYZ(20.2059, 20.7532, 14.5400)
contains.

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Color

**XYZ(20.1028, 20.6232,
14.4764)**

Conversions

Conversions Part 1

Format	Color
Hex	8C7B62
RGB	140, 123, 98
RGB Percent	55%, 48%, 38%
CMY	0.4510, 0.5176, 0.6157
CMYK	0.00, 0.12, 0.30, 0.45
HSL	36°, 18%, 47%
HSV	36°, 30%, 55%
XYZ	20.1028, 20.6232, 14.4764
YIQ	125.2330, 18.1570, -4.1710

Conversions

Conversions Part 2

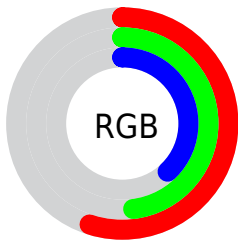
Format	Color
R_YB	127, 140, 98
Decimal	9206626
CIE Lab	52.53, 2.50, 16.09
CIE LCh	53, 16.278, 81.180
Yxy	20.6232, 0.3642, 0.3736
Android (android.graphics.Color)	4287396706 (0xFF8C7B62)
YUV	125.2330, -13.4259, 12.9507
Hunter-Lab	45.4128, -0.4560, 12.8888

Details

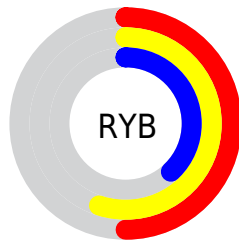
The XYZ color **20.1028, 20.6232, 14.4764** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.9013, 16.7512, 27.2063**, and the grayscale version is **19.6115, 20.6328, 22.4691**.

A 20% lighter version of the original color is **43.0029, 44.2992, 34.7179**, and **7.1661, 7.2604, 4.1557** is the 20% darker color. If you saturate the color by 10%, you get **18.8163, 19.0170, 11.0666**, and if you desaturate by 10%, it is **21.5467, 22.3589, 18.5096**.

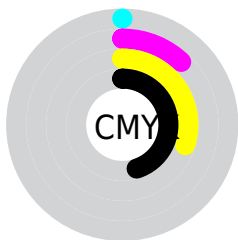
Distribution



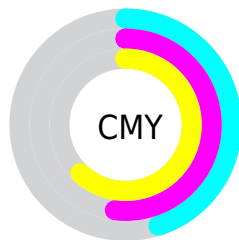
- Red (55%)
- Green (48%)
- Blue (38%)



- Red (50%)
- Yellow (55%)
- Blue (38%)



- Cyan (0%)
- Magenta (12%)
- Yellow (30%)
- Black (45%)



- Cyan (45%)
- Magenta (52%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1028, 20.6232, 14.4764 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 20.1028, 20.6232, 14.4764 by changing the saturation by 10% instead.

■ 20.1028, 20.6232,
14.4764

■ 20.1028, 20.6232,
14.4764

245.2941,
255.2692, 231.7053

■ 12.5785, 12.8489,
8.3102

■ 43.0921, 44.4596,
34.6612

■ 7.2139, 7.3245,
4.2035

■ 59.2878, 61.2904,
49.5169

■ 3.6438, 3.6659,
1.7376

■ 79.1047, 81.9089,
68.1062

■ 1.5026, 1.4885,
0.3863

■ 102.9081,
106.6993, 90.8476

■ 0.3276, 0.2806,
0.0000

131.0633,
136.0462, 118.1596

■ 0.0000, 0.0000,
0.0000

163.9359,

170.3339, 150.4609

201.8910,
209.9467, 188.1700

■ 20.1028, 20.6232,
14.4764

■ 20.1028, 20.6232,
14.4764

■ 18.8163, 19.0170,
11.0666

■ 21.5467, 22.3589,
18.5096

■ 17.6789, 17.5338,
8.2471

■ 23.1527, 24.2248,
23.1946

■ 16.6838, 16.1704,
5.9834

■ 24.9272, 26.2253,
28.5596

■ 15.8231, 14.9225,
4.2369

■ 26.8756, 28.3637,
34.6306

■ 15.0879, 13.7853,
2.9643

■ 29.0034, 30.6429,
41.4324

■ 14.4677, 12.7535,
2.1146

■ 31.3155, 33.0661,
48.9885

■ 13.9349, 11.8147,
1.5460

■ 33.8168, 35.6361,
57.3214

■ 13.9349, 11.8147,
1.5460

■ 36.5118, 38.3557,
66.4526

■ 39.4051, 41.2275,
76.4028

Harmonies

Analogous

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



21.7040, 20.6232, 15.9730



20.1028, 20.6232, 14.4764



18.4541, 20.6232, 14.8658

Triad

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



20.1028, 20.6232, 14.4764



16.7328, 20.6232, 25.9777



22.2363, 20.6232, 28.7896

Complementary

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



20.1028, 20.6232, 14.4764



15.9013, 16.7512, 27.2063

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.



20.7959, 20.6232, 32.2677



20.1028, 20.6232, 14.4764



17.6398, 20.6232, 30.4894

Square

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



20.1028, 20.6232, 14.4764



16.5709, 20.6232, 21.0620



19.1091, 20.6232, 32.9307



22.9813, 20.6232, 23.9084

Rectangle

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



20.1028, 20.6232, 14.4764



17.5446, 20.6232, 16.1696



19.1091, 20.6232, 32.9307



21.8136, 20.6232, 30.1891

Sweetspot

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



20.1033, 20.6241, 14.4768



41.0613, 42.9860, 41.6137



18.3065, 15.5604, 18.4097



9.3716, 9.8022, 9.3214



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.



20.1033, 20.6241, 14.4768



33.8797, 34.4218, 21.3424



21.8176, 24.9144, 15.2146



5.2641, 5.5110, 5.3387



12.4013, 10.5370, 1.3802



0.0968, 0.0988, 0.0140

Inverse Universe

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



15.9013, 16.7512, 27.2063



25.2412, 26.4627, 47.5204



14.5245, 13.4247, 26.6368



4.9300, 5.2029, 6.3503



5.5095, 4.2894, 22.5832



0.0503, 0.0560, 0.1546

Previews

White Background



This preview shows how the XYZ color 20.1028, 20.6232, 14.4764 looks on a white background.

Color Contrast Check

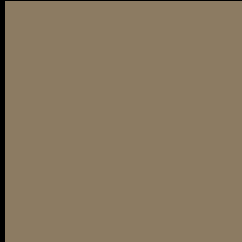
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.1028, 20.6232, 14.4764 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 20.1028, 20.6232, 14.4764

Background



This preview shows how black text looks on a background with the XYZ color 20.1028, 20.6232, 14.4764.



This preview shows how white text looks on a background with the XYZ color 20.1028, 20.6232,

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

20.1028, 20.6232, 14.4764

Protanopia

19.2586, 20.5546, 14.7568

Deuteranopia

21.0012, 20.5368, 14.6615



Tritanopia

21.8208, 20.5918, 23.2466

Trichromacy



Original Color

20.1028, 20.6232, 14.4764

Protanomaly

19.6131, 20.5504, 14.7373

Deuteranomaly

20.5911, 20.5049, 14.6770

Tritanomaly

21.0827, 20.4681, 19.6692

Monochromacy



Original Color

20.1028, 20.6232, 14.4764

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.5081, 20.3989, 19.1289

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1028, 20.6232, 14.4764 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(140, 123, 98)` looks like.

```
.text, #text, p{  
    color:rgb(140, 123, 98)  
}
```

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(140, 123, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 123, 98) }
```

Border

The CSS property to change the border of an element to XYZ 20.1028, 20.6232, 14.4764 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(140, 123, 98) }
```


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

```
.border{ border-color:rgb(140, 123, 98) }
```

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

Here you see how a box with a 4 pixel rgb(140, 123, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 123, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 123, 98);  
box-shadow:4px 4px 4px 4px rgb(140, 123,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1028, 20.6232, 14.4764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 123, 98) }
```

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

```
.background{ background-color: rgb(140,  
123, 98) }
```

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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