

Converting Colors

XYZ(20.5716, 17.1961, 14.1248)

Have a look what the booklet for
XYZ(20.5716, 17.1961, 14.1248)
contains.

XYZ(20.6161, 17.2761, 14.0524)	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(20.6161, 17.2761,
14.0524)**

Conversions

Conversions Part 1

Format	Color
Hex	9C6563
RGB	156, 101, 99
RGB Percent	61%, 40%, 39%
CMY	0.3882, 0.6039, 0.6118
CMYK	0.00, 0.35, 0.37, 0.39
HSL	2°, 22%, 50%
HSV	2°, 37%, 61%
XYZ	20.6161, 17.2761, 14.0524
YIQ	117.2170, 33.4220, 11.0380

Conversions

Conversions Part 2

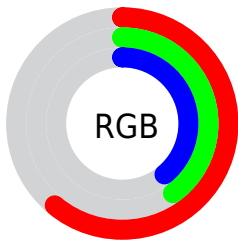
Format	Color
R_{YB}	156, 101, 99
Decimal	10249571
CIE _{Lab}	48.61, 21.94, 10.32
CIE _{LCh}	49, 24.249, 25.185
Yxy	17.2761, 0.3969, 0.3326
Android (android.graphics.Color)	4288439651 (0xFF9C6563)
YUV	117.2170, -8.9810, 34.0127
Hunter-Lab	41.5645, 15.7985, 9.0500

Details

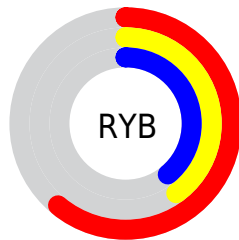
The XYZ color **20.6161, 17.2761, 14.0524** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.7015, 28.1631, 35.6921**, and the grayscale version is **16.9959, 17.8810, 19.4724**.

A 20% lighter version of the original color is **43.8846, 38.6555, 34.0025**, and **7.5092, 5.6868, 4.0700** is the 20% darker color. If you saturate the color by 10%, you get **18.6112, 14.3466, 10.0532**, and if you desaturate by 10%, it is **23.0337, 20.8002, 18.9003**.

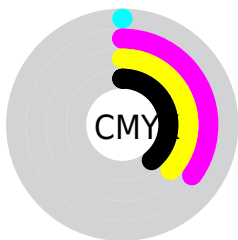
Distribution



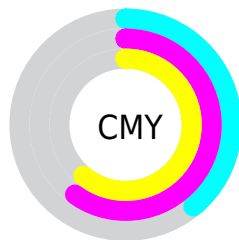
- Red (61%)
- Green (40%)
- Blue (39%)



- Red (61%)
- Yellow (40%)
- Blue (39%)



- Cyan (0%)
- Magenta (35%)
- Yellow (37%)
- Black (39%)



- Cyan (39%)
- Magenta (60%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6161, 17.2761, 14.0524 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 20.6161, 17.2761, 14.0524 by changing the saturation by 10% instead.

■ 20.6161, 17.2761,
14.0524

■ 20.6161, 17.2761,
14.0524

248.0017,
236.7585, 228.9963

■ 12.9545, 10.4315,
8.0180

■ 43.9438, 38.7999,
33.9004

■ 7.4740, 5.6860,
4.0185

■ 60.3407, 54.2479,
48.5511

■ 3.8092, 2.6551,
1.6355

■ 80.3801, 73.3325,
66.9109

■ 1.5948, 0.9544,
0.3160

■ 104.4273, 96.4381,
89.3985

■ 0.3890, 0.0000,
0.0000

132.8477,
123.9491, 116.4322

■ 0.0000, 0.0000,
0.0000

166.0067,

156.2499, 148.4308

204.2696,
193.7249, 185.8126

■ 20.6161, 17.2761,
14.0524

■ 20.6161, 17.2761,
14.0524

■ 18.6112, 14.3466,
10.0532

■ 23.0337, 20.8002,
18.9003

■ 16.9945, 11.9767,
6.8530

■ 25.8838, 24.9465,
24.6407

■ 15.7415, 10.1314,
4.3984


■ 29.1866, 29.7439,
31.3158


■ 14.8239, 8.7709,
2.6292


■ 32.9605, 35.2188,
38.9645


■ 14.2095, 7.8496,
1.4757


■ 37.2231, 41.3961,
47.6238


 13.8561, 7.3121,
0.8362

 41.9909, 48.2993,
57.3284

 13.7698, 7.1869,
0.6615

 47.2798, 55.9510,
68.1118

 53.1048, 64.3728,
80.0057

 59.4804, 73.5853,
93.0406

Harmonies

Analogous

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



21.0764, 17.2761, 19.8610



20.6161, 17.2761, 14.0524



18.9932, 17.2761, 10.4201

Triad

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



20.6161, 17.2761, 14.0524



13.1445, 17.2761, 12.6325



16.0630, 17.2761, 33.8997

Complementary

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



20.6161, 17.2761, 14.0524



22.7015, 28.1631, 35.6921

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.



14.0911, 17.2761, 30.8065



20.6161, 17.2761, 14.0524



12.5062, 17.2761, 17.7982

Square

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



20.6161, 17.2761, 14.0524



14.6619, 17.2761, 9.7399



12.8365, 17.2761, 24.5376



18.3142, 17.2761, 32.2617

Rectangle

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



20.6161, 17.2761, 14.0524



17.5419, 17.2761, 9.2584



12.8365, 17.2761, 24.5376



15.3478, 17.2761, 33.3620

Sweetspot

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



20.6166, 17.2769, 14.0527



50.0994, 49.7955, 50.9889



24.0133, 18.3282, 32.8876



10.8613, 10.7208, 10.8909



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



20.6166, 17.2769, 14.0527



34.3602, 26.8725, 19.3672



23.8656, 23.7750, 15.1357



6.6508, 6.6817, 6.9248



11.3476, 5.9308, 0.5467



0.2078, 0.1158, 0.0114

Inverse Universe

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



22.7015, 28.1631, 35.6921



38.7204, 49.6544, 64.6702



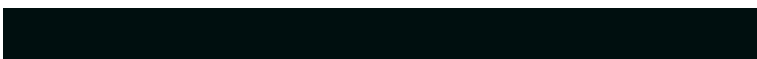
18.5563, 19.8727, 34.3103



6.8019, 7.4695, 8.4899



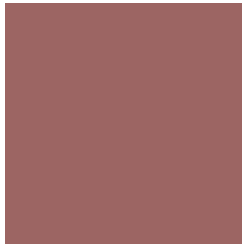
13.9999, 20.0913, 29.0474



0.2559, 0.3703, 0.5212

Previews

White Background



This preview shows how the XYZ color 20.6161, 17.2761, 14.0524 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 20.6161, 17.2761, 14.0524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

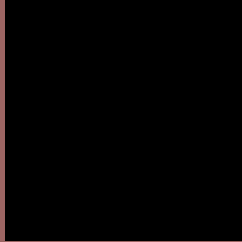
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 20.6161, 17.2761, 14.0524

Background



This preview shows how black text looks on a background with the XYZ color 20.6161, 17.2761, 14.0524.

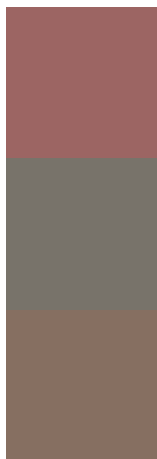


This preview shows how white text looks on a background with the XYZ color 20.6161, 17.2761,

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

20.6161, 17.2761, 14.0524

Protanopia

16.4780, 17.2951, 16.1055

Deuteranopia

17.6736, 17.3003, 13.7170



Tritanopia

21.1156, 17.3440, 16.1447

Trichromacy



Original Color

20.6161, 17.2761, 14.0524

Protanomaly

17.6970, 17.1177, 15.2033

Deuteranomaly

18.6176, 17.1480, 13.8839

Tritanomaly

20.9605, 17.2819, 15.3277

Monochromacy



Original Color

20.6161, 17.2761, 14.0524

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.8590, 17.3200, 17.1537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6161, 17.2761, 14.0524 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(156, 101, 99)` looks like.

```
.text, #text, p{  
    color:rgb(156, 101, 99)  
}
```

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(156, 101, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 101, 99) }
```

Border

The CSS property to change the border of an element to XYZ 20.6161, 17.2761, 14.0524 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(156, 101, 99) }
```


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

```
.border{ border-color:rgb(156, 101, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 101, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 101, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 101, 99);  
box-shadow:4px 4px 4px 4px rgb(156, 101,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6161, 17.2761, 14.0524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 101, 99) }
```

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

```
.background{ background-color: rgb(156,  
101, 99) }
```

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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