

Converting Colors

XYZ(21.7384, 17.3061, 11.3613)

Have a look what the booklet for
XYZ(21.7384, 17.3061, 11.3613)
contains.

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Color

**XYZ(21.7620, 17.3610,
11.4365)**

Conversions

Conversions Part 1

Format	Color
Hex	A66158
RGB	166, 97, 88
RGB Percent	65%, 38%, 35%
CMY	0.3490, 0.6196, 0.6549
CMYK	0.00, 0.42, 0.47, 0.35
HSL	7°, 31%, 50%
HSV	7°, 47%, 65%
XYZ	21.7620, 17.3610, 11.4365
YIQ	116.6050, 44.0130, 11.8290

Conversions

Conversions Part 2

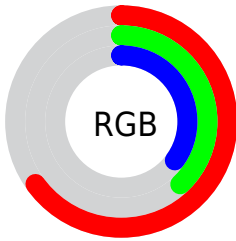
Format	Color
R_{YB}	166, 98, 88
Decimal	10903896
CIE _{Lab}	48.71, 26.95, 17.21
CIE _{LCh}	49, 31.979, 32.554
Yxy	17.3610, 0.4304, 0.3434
Android (android.graphics.Color)	4289093976 (0xFFA66158)
YUV	116.6050, -14.1023, 43.3194
Hunter-Lab	41.6665, 20.3123, 12.8928

Details

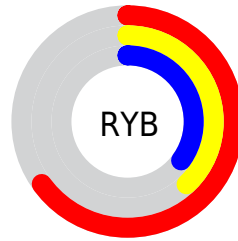
The XYZ color **21.7620, 17.3610, 11.4365** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.9636, 28.9401, 40.4519**, and the grayscale version is **16.8195, 17.6955, 19.2704**.

A 20% lighter version of the original color is **45.7663, 39.0178, 29.1638**, and **8.0899, 5.7506, 2.9691** is the 20% darker color. If you saturate the color by 10%, you get **19.9176, 14.6502, 7.8069**, and if you desaturate by 10%, it is **24.0150, 20.6384, 15.9751**.

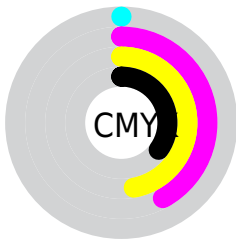
Distribution



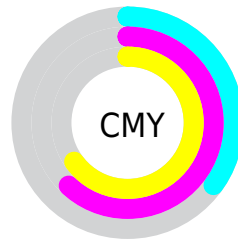
- Red (65%)
- Green (38%)
- Blue (35%)



- Red (65%)
- Yellow (38%)
- Blue (35%)



- Cyan (0%)
- Magenta (42%)
- Yellow (47%)
- Black (35%)



- Cyan (35%)
- Magenta (62%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7620, 17.3610, 11.4365 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 21.7620, 17.3610, 11.4365 by changing the saturation by 10% instead.

■ 21.7620, 17.3610,
11.4365

■ 21.7620, 17.3610,
11.4365

253.9566,
237.2442, 211.4820

■ 13.7977, 10.4922,
6.2434

■ 45.8341, 38.9454,
29.1134

■ 8.0609, 5.7265,
2.9225

■ 62.6727, 54.4298,
42.4343

■ 4.1861, 2.6795,
1.0552

■ 83.2001, 73.5549,
59.3016

■ 1.8079, 0.9668,
0.0000

■ 107.7816, 96.7051,
80.1337

■ 0.5224, 0.0000,
0.0000

■ 136.7827,
124.2647, 105.3493

■ 0.0000, 0.0000,
0.0000

170.5686,

156.6182, 135.3669

209.5048,
194.1499, 170.6049

■ 21.7620, 17.3610,
11.4365

■ 21.7620, 17.3610,
11.4365

■ 19.9176, 14.6502,
7.8069

■ 24.0150, 20.6384,
15.9751

■ 18.4559, 12.4715,
5.0239

■ 26.6978, 24.5095,
21.4774

■ 17.3499, 10.7902,
3.0190


■ 29.8319, 29.0024,
27.9948


■ 16.5686, 9.5669,
1.7124

■ 33.4367, 34.1430,
35.5750


■ 16.0714, 8.7543,
0.9863


■ 37.5307, 39.9556,
44.2624

 15.9614, 8.5782,
0.8145

 42.1311, 46.4631,
54.0991

 47.2547, 53.6877,
65.1250

 52.9170, 61.6501,
77.3778

 59.1333, 70.3706,
90.8939

Harmonies

Analogous

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



22.8451, 17.3610, 18.1880



21.7620, 17.3610, 11.4365



19.2576, 17.3610, 7.8365

Triad

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



21.7620, 17.3610, 11.4365



11.9595, 17.3610, 12.3577



16.7553, 17.3610, 40.2343

Complementary

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



21.7620, 17.3610, 11.4365



22.9636, 28.9401, 40.4519

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.



14.0210, 17.3610, 37.3079



21.7620, 17.3610, 11.4365



11.4559, 17.3610, 19.6368

Square

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



21.7620, 17.3610, 11.4365



13.6317, 17.3610, 8.2462



12.1648, 17.3610, 29.0677



19.7473, 17.3610, 36.1797

Rectangle

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



21.7620, 17.3610, 11.4365



17.2476, 17.3610, 6.9328



12.1648, 17.3610, 29.0677



15.7765, 17.3610, 40.0346

Sweetspot

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



21.7624, 17.3619, 11.4368



55.8406, 55.0630, 54.3655



25.4043, 17.5620, 34.4888



12.2042, 11.9052, 11.5544



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



21.7624, 17.3619, 11.4368



36.1330, 26.5655, 14.1381



26.1234, 26.0837, 12.8905



7.5983, 7.6766, 7.8705



12.3963, 6.6898, 0.6379



0.3223, 0.2041, 0.0224

Inverse Universe

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



22.9636, 28.9401, 40.4519



38.5437, 50.0374, 73.1020



17.5281, 18.0693, 38.6401



7.6725, 8.3820, 9.6318



13.4303, 18.3208, 30.8039



0.3469, 0.4860, 0.7562

Previews

White Background



This preview shows how the XYZ color 21.7620, 17.3610, 11.4365 looks on a white background.

Color Contrast Check

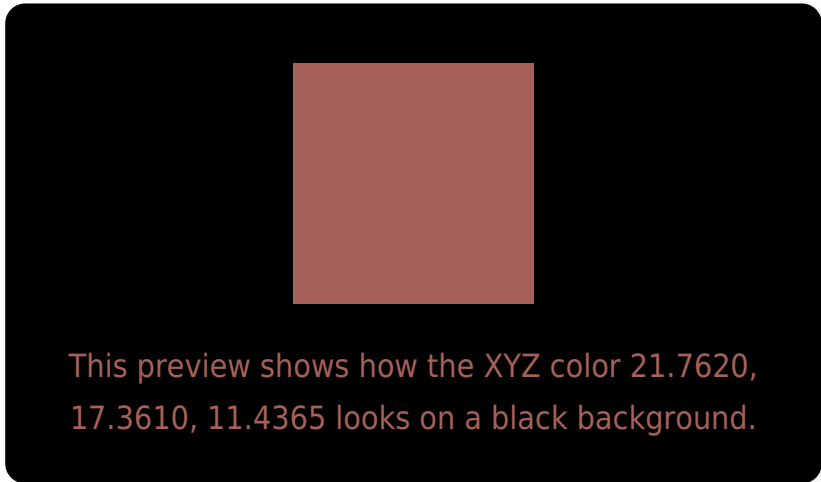
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 21.7620, 17.3610, 11.4365

Background



This preview shows how black text looks on a background with the XYZ color 21.7620, 17.3610, 11.4365.

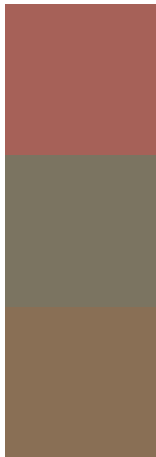


This preview shows how white text looks on a background with the XYZ color 21.7620, 17.3610,

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

21.7620, 17.3610, 11.4365

Protanopia

16.5714, 17.5648, 13.8262

Deuteranopia

17.6407, 17.3431, 11.0121



Tritanopia

22.4268, 17.3592, 14.7390

Trichromacy



Original Color

21.7620, 17.3610, 11.4365

Protanomaly

18.1365, 17.2344, 12.9603

Deuteranomaly

19.0465, 17.2759, 11.1348

Tritanomaly

22.2769, 17.4443, 13.5022

Monochromacy



Original Color

21.7620, 17.3610, 11.4365

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

18.1691, 17.3434, 16.0257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7620, 17.3610, 11.4365 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(166, 97, 88)` looks like.

```
.text, #text, p{  
    color:rgb(166, 97, 88)  
}
```

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(166, 97, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 97, 88) }
```

Border

The CSS property to change the border of an element to XYZ 21.7620, 17.3610, 11.4365 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(166, 97, 88) }
```


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

```
.border{ border-color:rgb(166, 97, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 97, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 97, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 97, 88);  
box-shadow:4px 4px 4px 4px rgb(166, 97,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7620, 17.3610, 11.4365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 97, 88) }
```

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

```
.background{ background-color: rgb(166, 97,  
88) }
```

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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