

Converting Colors

XYZ(21.4762, 20.5848, 7.5440)

Have a look what the booklet for
XYZ(21.4762, 20.5848, 7.5440)
contains.

XYZ(21.4762, 20.5848, 7.5440)	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(21.4762, 20.5848,
7.5440)**

Conversions

Conversions Part 1

Format	Color
Hex	9E763F
RGB	158, 118, 63
RGB Percent	62%, 46%, 25%
CMY	0.3804, 0.5372, 0.7529
CMYK	0.00, 0.25, 0.60, 0.38
HSL	35°, 43%, 43%
HSV	35°, 60%, 62%
XYZ	21.4762, 20.5848, 7.5440
YIQ	123.6900, 41.4950, -8.6250

Conversions

Conversions Part 2

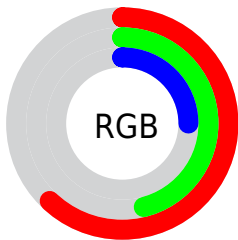
Format	Color
R_{YB}	132, 158, 63
Decimal	10384959
CIE Lab	52.49, 9.31, 35.95
CIE LCh	52, 37.133, 75.472
Yxy	20.5848, 0.4329, 0.4150
Android (android.graphics.Color)	4288575039 (0xFF9E763F)
YUV	123.6900, -29.9202, 30.0899
Hunter-Lab	45.3705, 5.0950, 21.9009

Details

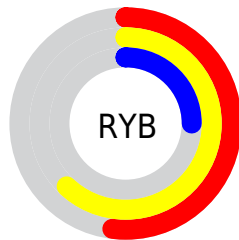
The XYZ color **21.4762, 20.5848, 7.5440** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **13.0716, 13.2255, 34.2115**, and the grayscale version is **19.1421, 20.1390, 21.9314**.

A 20% lighter version of the original color is **45.3237, 44.3664, 21.5040**, and **7.8772, 7.3013, 1.4843** is the 20% darker color. If you saturate the color by 10%, you get **20.3406, 18.9218, 5.2909**, and if you desaturate by 10%, it is **22.7948, 22.4110, 10.4837**.

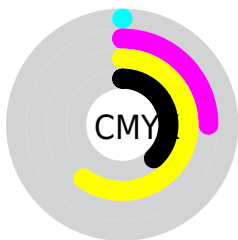
Distribution



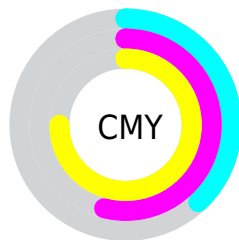
- Red (62%)
- Green (46%)
- Blue (25%)



- Red (52%)
- Yellow (62%)
- Blue (25%)



- Cyan (0%)
- Magenta (25%)
- Yellow (60%)
- Black (38%)



- Cyan (38%)
- Magenta (54%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4762, 20.5848, 7.5440 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 21.4762, 20.5848, 7.5440 by changing the saturation by 10% instead.

■ 21.4762, 20.5848,
7.5440

■ 21.4762, 20.5848,
7.5440

252.4826,
255.0636, 181.9093

■ 13.5870, 12.8208,
3.7210

■ 45.3641, 44.3955,
21.5907

■ 7.9137, 7.3053,
1.4736

■ 62.0934, 61.2110,
32.6516

■ 4.0911, 3.6538,
0.1981

■ 82.5002, 81.8125,
46.9621

■ 1.7538, 1.4818,
0.0000

■ 106.9497,
106.5844, 64.9409

■ 0.4896, 0.2759,
0.0000

■ 135.8073,
135.9111, 87.0065

■ 0.0000, 0.0000,
0.0000

■ 169.4385,

170.1769, 113.5774

208.2084,
209.7663, 145.0721

■ 21.4762, 20.5848,
7.5440

■ 21.4762, 20.5848,
7.5440

■ 20.3406, 18.9218,
5.2909

■ 22.7948, 22.4110,
10.4837

■ 19.3742, 17.4123,
3.6640

■ 24.3058, 24.4036,
14.1611

■ 18.5633, 16.0496,
2.5943

■ 26.0197, 26.5692,
18.6238

■ 17.8827, 14.8335,
1.9206

■ 27.9457, 28.9132,
23.9149

■ 30.0923, 31.4405,
30.0745

■ 32.4676, 34.1561,
37.1399

■ 35.0792, 37.0644,
45.1464

■ 37.9341, 40.1699,
54.1273

■ 41.0394, 43.4767,
64.1142

Harmonies

Analogous

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



25.2124, 20.5848, 10.4666



21.4762, 20.5848, 7.5440



17.6611, 20.5848, 7.5877

Triad

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



21.4762, 20.5848, 7.5440



13.2778, 20.5848, 28.5402



25.3144, 20.5848, 40.7499

Complementary

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



21.4762, 20.5848, 7.5440



13.0716, 13.2255, 34.2115

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.



21.6015, 20.5848, 49.5895



21.4762, 20.5848, 7.5440



14.8313, 20.5848, 41.1182

Square

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



21.4762, 20.5848, 7.5440



13.2535, 20.5848, 17.5169



17.7711, 20.5848, 49.7428



27.6173, 20.5848, 28.1465

Rectangle

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



21.4762, 20.5848, 7.5440



15.5861, 20.5848, 9.2274



17.7711, 20.5848, 49.7428



24.1698, 20.5848, 44.4183

Sweetspot

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



21.4767, 20.5858, 7.5444



51.4112, 53.2959, 45.2965



18.3853, 11.8272, 14.4552



11.3590, 11.7388, 9.5601



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



21.4767, 20.5858, 7.5444



36.3299, 33.4322, 8.5191



26.0107, 31.4559, 9.4036



6.9359, 7.2518, 7.0198



14.3618, 11.9593, 1.5514



0.2981, 0.2964, 0.0415

Inverse Universe

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



13.0716, 13.2255, 34.2115



19.7131, 18.9181, 61.3560



10.4272, 7.3013, 33.2074



6.5028, 6.8713, 8.3902



6.5650, 5.2216, 26.5691



0.1583, 0.1752, 0.4887

Previews

White Background



This preview shows how the XYZ color 21.4762, 20.5848, 7.5440 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 21.4762, 20.5848, 7.5440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

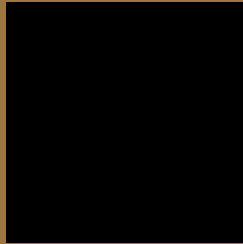
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.4762, 20.5848, 7.5440

Background



This preview shows how black text looks on a background with the XYZ color 21.4762, 20.5848, 7.5440.



This preview shows how white text looks on a background with the XYZ color 21.4762, 20.5848,

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

21.4762, 20.5848, 7.5440

Protanopia

18.9255, 20.7183, 8.1558

Deuteranopia

20.9401, 20.6618, 7.5871



Tritanopia

24.0846, 20.6258, 20.4811

Trichromacy



Original Color

21.4762, 20.5848, 7.5440

Protanomaly

19.7141, 20.5673, 7.9319

Deuteranomaly

21.0116, 20.5211, 7.5562

Tritanomaly

22.9674, 20.5125, 14.5532

Monochromacy



Original Color

21.4762, 20.5848, 7.5440

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.5111, 20.1126, 15.4241

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4762, 20.5848, 7.5440 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(158, 118, 63)` looks like.

```
.text, #text, p{  
    color:rgb(158, 118, 63)  
}
```

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(158, 118, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 118, 63) }
```

Border

The CSS property to change the border of an element to XYZ 21.4762, 20.5848, 7.5440 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(158, 118, 63) }
```


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

```
.border{ border-color:rgb(158, 118, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 118, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 118, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 118, 63);  
box-shadow:4px 4px 4px 4px rgb(158, 118,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4762, 20.5848, 7.5440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 118, 63) }
```

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

```
.background{ background-color: rgb(158,  
118, 63) }
```

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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