

Converting Colors

XYZ(21.1813, 21.6536, 6.0785)

Have a look what the booklet for
XYZ(21.1813, 21.6536, 6.0785)
contains.

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Color

**XYZ(21.2358, 21.7675,
6.0999)**

Conversions

Conversions Part 1

Format	Color
Hex	9A7D32
RGB	154, 125, 50
RGB Percent	60%, 49%, 20%
CMY	0.3961, 0.5098, 0.8039
CMYK	0.00, 0.19, 0.68, 0.40
HSL	43°, 51%, 40%
HSV	43°, 68%, 60%
XYZ	21.2358, 21.7675, 6.0999
YIQ	125.1210, 41.3590, -17.1770

Conversions

Conversions Part 2

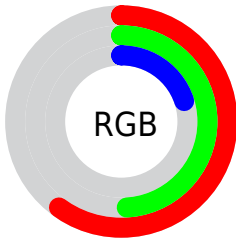
Format	Color
R_{YB}	90, 154, 50
Decimal	10124594
CIE _{Lab}	53.78, 2.63, 43.78
CIE _{LCh}	54, 43.861, 86.569
Yxy	21.7675, 0.4325, 0.4433
Android (android.graphics.Color)	4288314674 (0xFF9A7D32)
YUV	125.1210, -37.0347, 25.3269
Hunter-Lab	46.6557, -0.4013, 24.9072

Details

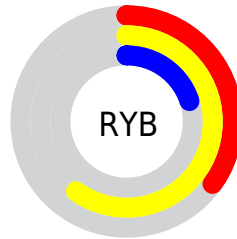
The XYZ color **21.2358, 21.7675, 6.0999** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **9.9441, 8.6030, 31.7083**, and the grayscale version is **19.6454, 20.6685, 22.5079**.

A 20% lighter version of the original color is **44.8864, 46.2133, 18.6109**, and **7.7300, 7.8215, 1.1023** is the 20% darker color. If you saturate the color by 10%, you get **20.4261, 20.5934, 4.4577**, and if you desaturate by 10%, it is **22.1818, 23.0354, 8.3395**.

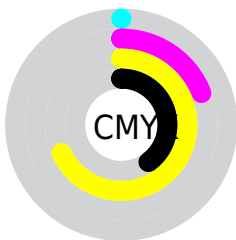
Distribution



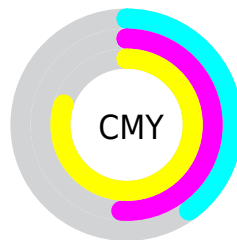
- Red (60%)
- Green (49%)
- Blue (20%)



- Red (35%)
- Yellow (60%)
- Blue (20%)



- Cyan (0%)
- Magenta (19%)
- Yellow (68%)
- Black (40%)



- Cyan (40%)
- Magenta (51%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.2358, 21.7675, 6.0999 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 21.2358, 21.7675, 6.0999 by changing the saturation by 10% instead.

■ 21.2358, 21.7675,
6.0999

■ 21.2358, 21.7675,
6.0999

251.2371,
261.3297, 169.2964

■ 13.4099, 13.6862,
2.8362

■ 44.9680, 46.3614,
18.6191

■ 7.7904, 7.9027,
1.0116

■ 61.6050, 63.6428,
28.7117

■ 4.0118, 4.0328,
0.0000

■ 81.9097, 84.7596,
41.9176

■ 1.7088, 1.6919,
0.0000

■ 106.2475,
110.0963, 58.6554

■ 0.4618, 0.4184,
0.0000

■ 134.9838,
140.0373, 79.3437

■ 0.0000, 0.0000,
0.0000

■ 168.4840,

174.9669, 104.4009

207.1133,
215.2696, 134.2456

■ 21.2358, 21.7675,
6.0999

■ 21.2358, 21.7675,
6.0999

■ 20.4261, 20.5934,
4.4577

■ 22.1818, 23.0354,
8.3395

■ 19.7392, 19.5047,
3.3496

■ 23.2729, 24.3986,
11.2285

■ 19.1550, 18.4938,
2.6693

■ 24.5191, 25.8623,
14.8148

■ 19.0177, 18.2526,
2.5208

■ 25.9286, 27.4303,
19.1413

■ 27.5092, 29.1062,
24.2476

■ 29.2682, 30.8932,
30.1702

■ 31.2123, 32.7945,
36.9434

■ 33.3479, 34.8131,
44.5998

■ 35.6811, 36.9518,
53.1698

Harmonies

Analogous

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



26.0873, 21.7675, 7.9824



21.2358, 21.7675, 6.0999



16.8993, 21.7675, 7.2547

Triad

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



21.2358, 21.7675, 6.0999



13.6040, 21.7675, 37.2885



29.1995, 21.7675, 41.0427

Complementary

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



21.2358, 21.7675, 6.0999



9.9441, 8.6030, 31.7083

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.



25.0075, 21.7675, 55.2667



21.2358, 21.7675, 6.0999



16.0927, 21.7675, 52.5833

Square

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



21.2358, 21.7675, 6.0999



12.9058, 21.7675, 22.1833



20.1524, 21.7675, 60.1349



31.1032, 21.7675, 25.2866

Rectangle

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



21.2358, 21.7675, 6.0999



14.7879, 21.7675, 9.9737



20.1524, 21.7675, 60.1349



27.9829, 21.7675, 46.3614

Sweetspot

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



21.2363, 21.7686, 6.1003



49.1161, 51.9796, 41.2366



15.8955, 9.7228, 8.5257



10.9454, 11.5839, 8.7769



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.



21.2363, 21.7686, 6.1003



36.4437, 36.3834, 6.9590



21.5640, 28.2042, 7.3253



6.5633, 6.9316, 6.5979



15.5253, 14.9330, 2.0641



0.2621, 0.2833, 0.0409

Inverse Universe

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



9.9441, 8.6030, 31.7083



14.5577, 10.9607, 56.8846



9.6860, 6.0129, 31.2219



6.0177, 6.2928, 7.8264



5.4810, 3.3587, 25.2671



0.1096, 0.1056, 0.3870

Previews

White Background



This preview shows how the XYZ color 21.2358, 21.7675, 6.0999 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 21.2358, 21.7675, 6.0999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

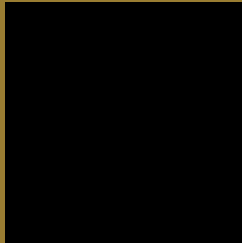
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.2358, 21.7675, 6.0999

Background



This preview shows how black text looks on a background with the XYZ color 21.2358, 21.7675, 6.0999.



This preview shows how white text looks on a background with the XYZ color 21.2358, 21.7675,

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

21.2358, 21.7675, 6.0999

Protanopia

19.7755, 21.7792, 6.2935

Deuteranopia

22.0543, 21.6317, 6.1449



Tritanopia

24.6244, 21.7025, 22.6298

Trichromacy



Original Color

21.2358, 21.7675, 6.0999

Protanomaly

20.3493, 21.8804, 6.2828

Deuteranomaly

21.7811, 21.6740, 6.1675

Tritanomaly

23.0216, 21.5839, 14.5080

Monochromacy



Original Color

21.2358, 21.7675, 6.0999

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.6916, 20.7833, 14.5290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2358, 21.7675, 6.0999 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(154, 125, 50)` looks like.

```
.text, #text, p{  
    color:rgb(154, 125, 50)  
}
```

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(154, 125, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 125, 50) }
```

Border

The CSS property to change the border of an element to XYZ 21.2358, 21.7675, 6.0999 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(154, 125, 50) }
```


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

```
.border{ border-color:rgb(154, 125, 50) }
```

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

Here you see how a box with a 4 pixel rgb(154, 125, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 125, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 125, 50);  
box-shadow:4px 4px 4px 4px rgb(154, 125,  
50) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2358, 21.7675, 6.0999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 125, 50) }
```

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

```
.background{ background-color: rgb(154,  
125, 50) }
```

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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