

Converting Colors

XYZ(20.9130, 21.6817, 7.6349)

Have a look what the booklet for
XYZ(20.9130, 21.6817, 7.6349)
contains.

XYZ(20.9080, 21.7535, 7.6543)	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(20.9080, 21.7535,
7.6543)**

Conversions

Conversions Part 1

Format	Color
Hex	967E3E
RGB	150, 126, 62
RGB Percent	59%, 49%, 24%
CMY	0.4118, 0.5059, 0.7569
CMYK	0.00, 0.16, 0.59, 0.41
HSL	44°, 42%, 42%
HSV	44°, 59%, 59%
XYZ	20.9080, 21.7535, 7.6543
YIQ	125.8800, 34.8480, -14.8160

Conversions

Conversions Part 2

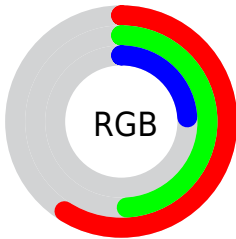
Format	Color
R_{YB}	95, 150, 62
Decimal	9862718
CIE _{Lab}	53.76, 1.12, 37.74
CIE _{LCh}	54, 37.758, 88.300
Yxy	21.7535, 0.4155, 0.4323
Android (android.graphics.Color)	4288052798 (0xFF967E3E)
YUV	125.8800, -31.4928, 21.1532
Hunter-Lab	46.6406, -1.6034, 22.9182

Details

The XYZ color **20.9080, 21.7535, 7.6543** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **10.8193, 9.8814, 30.1910**, and the grayscale version is **19.8862, 20.9218, 22.7839**.

A 20% lighter version of the original color is **44.2986, 46.1325, 21.8989**, and **7.5504, 7.8236, 1.4929** is the 20% darker color. If you saturate the color by 10%, you get **20.0397, 20.5871, 5.6070**, and if you desaturate by 10%, it is **21.9124, 23.0102, 10.3080**.

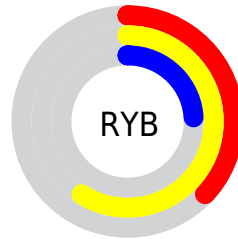
Distribution



Red (59%)

Green (49%)

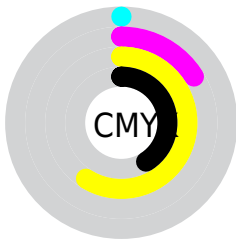
Blue (24%)



Red (37%)

Yellow (59%)

Blue (24%)

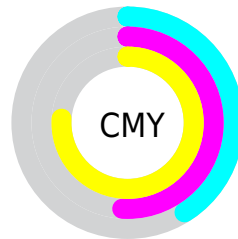


Cyan (0%)

Magenta (16%)

Yellow (59%)

Black (41%)



Cyan (41%)

Magenta (51%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.9080, 21.7535, 7.6543 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 20.9080, 21.7535, 7.6543 by changing the saturation by 10% instead.

20.9080, 21.7535,
7.6543

20.9080, 21.7535,
7.6543

249.5301,
261.2563, 182.8270

13.1688, 13.6759,
3.7900

44.4268, 46.3382,
21.8128

7.6227, 7.8956,
1.5108

60.9372, 63.6142,
32.9440

3.9043, 4.0282,
0.2260

81.1020, 84.7250,
47.3346

1.6481, 1.6894,
0.0000

105.2866,
110.0551, 65.4031

0.4235, 0.4168,
0.0000

133.8563,
139.9889, 87.5680

0.0000, 0.0000,
0.0000

167.1766,

174.9107, 114.2479

205.6128,
215.2051, 145.8614

■ 20.9080, 21.7535,
7.6543

■ 20.9080, 21.7535,
7.6543

■ 20.0397, 20.5871,
5.6070

■ 21.9124, 23.0102,
10.3080

■ 19.2960, 19.5036,
4.1142

■ 23.0601, 24.3580,
13.6118

■ 18.6661, 18.4990,
3.1172

■ 24.3595, 25.8015,
17.6067

■ 18.1261, 17.5633,
2.4922

■ 25.8180, 27.3440,
22.3300

■ 18.0566, 17.4420,
2.4150

■ 27.4423, 28.9886,
27.8165

■ 29.2388, 30.7382,
34.0985

■ 31.2136, 32.5957,
41.2064

■ 33.3723, 34.5636,
49.1693

■ 35.7204, 36.6445,
58.0146

Harmonies

Analogous

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



25.0446, 21.7535, 9.3255



20.9080, 21.7535, 7.6543



17.1991, 21.7535, 8.9745

Triad

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



20.9080, 21.7535, 7.6543



14.5487, 21.7535, 35.9122



28.0356, 21.7535, 37.4464

Complementary

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



20.9080, 21.7535, 7.6543



10.8193, 9.8814, 30.1910

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.



24.5925, 21.7535, 49.2534



20.9080, 21.7535, 7.6543



16.8475, 21.7535, 48.1830

Square

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



20.9080, 21.7535, 7.6543



13.8273, 21.7535, 23.0302



20.4458, 21.7535, 53.7086



29.4789, 21.7535, 24.3539

Rectangle

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



20.9080, 21.7535, 7.6543



15.3891, 21.7535, 11.7305



20.4458, 21.7535, 53.7086



27.0533, 21.7535, 41.8383

Sweetspot

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



20.9085, 21.7545, 7.6547



45.6479, 48.3438, 39.6881



16.0179, 10.6165, 10.2078



9.9577, 10.5489, 8.2729



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



20.9085, 21.7545, 7.6547



34.9886, 35.7987, 9.0874



21.1256, 26.9804, 8.6520



6.1331, 6.4799, 6.1680



15.0034, 14.5211, 2.0121



0.2082, 0.2269, 0.0328

Inverse Universe

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



10.8193, 9.8814, 30.1910



15.5724, 12.9981, 52.6094



10.6269, 7.3998, 29.7222



5.6205, 5.8751, 7.3075



5.2445, 3.1838, 24.2692



0.0861, 0.0827, 0.3043

Previews

White Background



This preview shows how the XYZ color 20.9080, 21.7535, 7.6543 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 20.9080, 21.7535, 7.6543 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 20.9080, 21.7535, 7.6543

Background



This preview shows how black text looks on a background with the XYZ color 20.9080, 21.7535, 7.6543.



This preview shows how white text looks on a background with the XYZ color 20.9080, 21.7535,

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

20.9080, 21.7535, 7.6543

Protanopia

19.9028, 21.8102, 7.8634

Deuteranopia

22.1548, 21.6489, 7.7136



Tritanopia

24.2034, 21.8201, 23.3581

Trichromacy



Original Color

20.9080, 21.7535, 7.6543

Protanomaly

20.2934, 21.8170, 7.8441

Deuteranomaly

21.6905, 21.5927, 7.7272

Tritanomaly

22.7847, 21.7886, 16.1014

Monochromacy



Original Color

20.9080, 21.7535, 7.6543

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

19.9007, 21.0519, 15.8465

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9080, 21.7535, 7.6543 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(150, 126, 62)` looks like.

```
.text, #text, p{  
    color:rgb(150, 126, 62)  
}
```

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(150, 126, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 126, 62) }
```

Border

The CSS property to change the border of an element to XYZ 20.9080, 21.7535, 7.6543 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(150, 126, 62) }
```


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

```
.border{ border-color:rgb(150, 126, 62) }
```

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

Here you see how a box with a 4 pixel rgb(150, 126, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 126, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 126, 62);  
box-shadow:4px 4px 4px 4px rgb(150, 126,  
62) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9080, 21.7535, 7.6543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 126, 62) }
```

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

```
.background{ background-color: rgb(150,  
126, 62) }
```

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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