

Converting Colors

XYZ(20.5917, 14.5417, 22.2511)

Have a look what the booklet for
XYZ(20.5917, 14.5417, 22.2511)
contains.

XYZ(20.5490, 14.5113, 22.1400)	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(20.5490, 14.5113,
22.1400)**

Conversions

Conversions Part 1

Format	Color
Hex	9C5180
RGB	156, 81, 128
RGB Percent	61%, 32%, 50%
CMY	0.3882, 0.6823, 0.4980
CMYK	0.00, 0.48, 0.18, 0.39
HSL	322°, 32%, 46%
HSV	322°, 48%, 61%
XYZ	20.5490, 14.5113, 22.1400
YIQ	108.7830, 29.6130, 30.5170

Conversions

Conversions Part 2

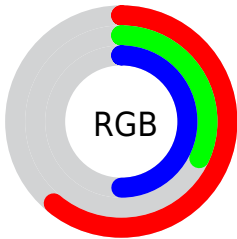
Format	Color
R_{YB}	156, 81, 128
Decimal	10244480
CIE _{Lab}	44.96, 37.34, -12.51
CIE _{LCh}	45, 39.383, 341.481
Yxy	14.5113, 0.3592, 0.2537
Android (android.graphics.Color)	4288434560 (0xFF9C5180)
YUV	108.7830, 9.4740, 41.4093
Hunter-Lab	38.0937, 29.6248, -7.7937

Details

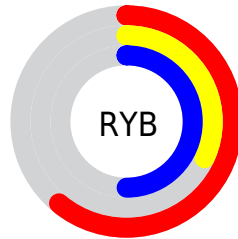
The XYZ color **20.5490, 14.5113, 22.1400** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **18.0428, 26.6308, 18.6585**, and the grayscale version is **14.4430, 15.1952, 16.5475**.

A 20% lighter version of the original color is **43.8794, 34.1083, 47.9869**, and **7.4948, 4.4281, 7.8568** is the 20% darker color. If you saturate the color by 10%, you get **19.1477, 12.3047, 19.8355**, and if you desaturate by 10%, it is **22.2395, 17.2608, 24.6498**.

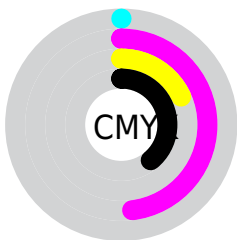
Distribution



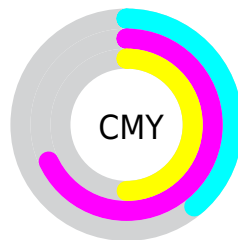
- Red (61%)
- Green (32%)
- Blue (50%)



- Red (61%)
- Yellow (32%)
- Blue (50%)



- Cyan (0%)
- Magenta (48%)
- Yellow (18%)
- Black (39%)



- Cyan (39%)
- Magenta (68%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5490, 14.5113, 22.1400 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 20.5490, 14.5113, 22.1400 by changing the saturation by 10% instead.

20.5490, 14.5113,
22.1400

20.5490, 14.5113,
22.1400

247.6492,
220.3889, 276.2538

12.9053, 8.4771,
13.7605

43.8327, 33.9935,
47.8824

7.4399, 4.4017,
7.8174

60.2034, 48.2104,
66.0824

3.7875, 1.9007,
3.8923

80.2138, 65.9236,
88.3931

1.5826, 0.5488,
1.5664

104.2293, 87.5176,
115.2328

0.3810, 0.0000,
0.2667

132.6153,
113.3767, 147.0202

0.0000, 0.0000,
0.0000

165.7370,

143.8854, 184.1738

203.9598,
179.4280, 227.1122

■ 20.5490, 14.5113,
22.1400

■ 20.5490, 14.5113,
22.1400

■ 19.1477, 12.3047,
19.8355

■ 22.2395, 17.2608,
24.6498

■ 18.0155, 10.6016,
17.7273

■ 24.2349, 20.5846,
27.3714

■ 17.1316, 9.3610,
15.8069


■ 26.5515, 24.5143,
30.3122


■ 16.4712, 8.5342,
14.0640


■ 29.2038, 29.0786,
33.4786


■ 15.9893, 8.0317,
12.4817


■ 32.2055, 34.3043,
36.8769

 15.9035, 7.9452,
12.1907

 35.5695, 40.2166,
40.5130

 39.3081, 46.8395,
44.3924

 43.4328, 54.1958,
48.5208

 47.9548, 62.3072,
52.9032

Harmonies

Analogous

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



18.3221, 14.5113, 33.1928



20.5490, 14.5113, 22.1400



20.8071, 14.5113, 12.5219

Triad

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



20.5490, 14.5113, 22.1400



12.5945, 14.5113, 4.0032



9.6483, 14.5113, 30.7277

Complementary

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



20.5490, 14.5113, 22.1400



18.0428, 26.6308, 18.6585

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.



8.5636, 14.5113, 19.6062



20.5490, 14.5113, 22.1400



10.0788, 14.5113, 5.8794

Square

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



20.5490, 14.5113, 22.1400



15.8577, 14.5113, 4.2334



8.7078, 14.5113, 10.8036



11.9150, 14.5113, 39.3365

Rectangle

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



20.5490, 14.5113, 22.1400



19.7867, 14.5113, 8.2212



8.7078, 14.5113, 10.8036



9.1506, 14.5113, 27.0099

Sweetspot

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



20.5494, 14.5120, 22.1403



49.9809, 47.5342, 57.1902



15.1892, 11.5056, 32.8729



10.7908, 10.1042, 12.3338



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.



20.5494, 14.5120, 22.1403



34.5340, 21.9739, 35.5988



18.5416, 13.7089, 11.5672



6.7990, 6.7125, 7.7928



13.1167, 6.5513, 10.1316



0.2545, 0.1251, 0.2861

Inverse Universe

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



20.5494, 14.5120, 22.1403



34.5340, 21.9739, 35.5988



20.4706, 27.6019, 31.4433



6.7990, 6.7125, 7.7928



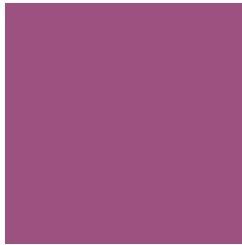
13.1167, 6.5513, 10.1316



0.2545, 0.1251, 0.2861

Previews

White Background



This preview shows how the XYZ color 20.5490, 14.5113, 22.1400 looks on a white background.

Color Contrast Check

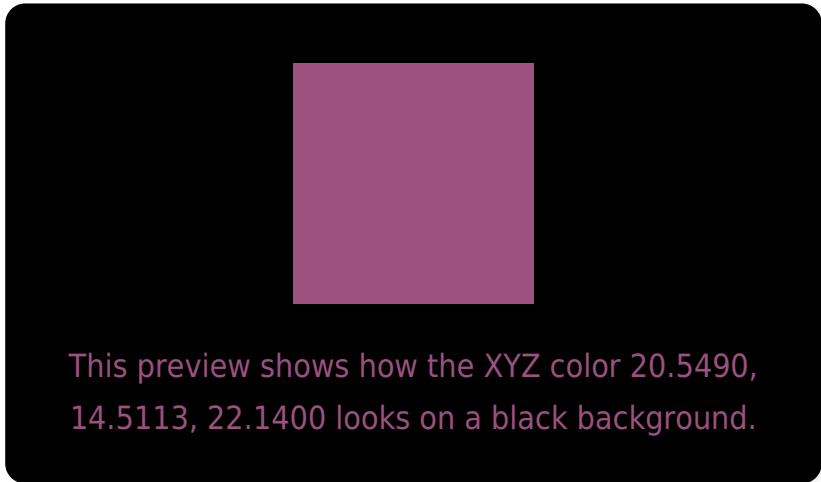
Large Text (above 18pt) WCAG AA ✓ Pass

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

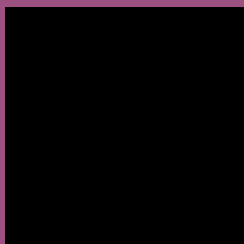
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 20.5490, 14.5113, 22.1400

Background



This preview shows how black text looks on a background with the XYZ color 20.5490, 14.5113, 22.1400.



This preview shows how white text looks on a background with the XYZ color 20.5490, 14.5113,

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

20.5490, 14.5113, 22.1400

Protanopia

14.9842, 14.7853, 28.8522

Deuteranopia

14.8951, 14.6071, 21.1032



Tritanopia

18.6470, 14.5599, 12.4172

Trichromacy



Original Color

20.5490, 14.5113, 22.1400

Protanomaly

16.2710, 14.1954, 26.3085

Deuteranomaly

16.4887, 14.2820, 21.2897

Tritanomaly

19.1764, 14.4076, 15.4059

Monochromacy



Original Color

20.5490, 14.5113, 22.1400

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

16.2184, 14.6203, 18.4902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5490, 14.5113, 22.1400 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, 81, 128)` looks like.

```
.text, #text, p{  
    color:rgb(156, 81, 128)  
}
```

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, 81, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 81, 128) }
```

Border

The CSS property to change the border of an element to XYZ 20.5490, 14.5113, 22.1400 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, 81, 128) }
```


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

```
.border{ border-color:rgb(156, 81, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 81, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 81, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 81, 128);  
box-shadow:4px 4px 4px 4px rgb(156, 81,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5490, 14.5113, 22.1400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 81, 128) }
```

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

```
.background{ background-color: rgb(156, 81,  
128) }
```

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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