

Converting Colors

XYZ(22.6723, 21.1366, 13.6164)

Have a look what the booklet for
XYZ(22.6723, 21.1366, 13.6164)
contains.

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Color

**XYZ(22.6445, 21.0522,
13.6965)**

Conversions

Conversions Part 1

Format	Color
Hex	9E765F
RGB	158, 118, 95
RGB Percent	62%, 46%, 37%
CMY	0.3804, 0.5372, 0.6274
CMYK	0.00, 0.25, 0.40, 0.38
HSL	22°, 25%, 50%
HSV	22°, 40%, 62%
XYZ	22.6445, 21.0522, 13.6965
YIQ	127.3380, 31.2230, 1.3270

Conversions

Conversions Part 2

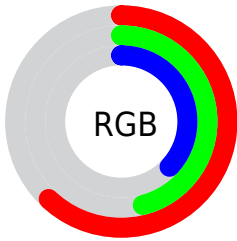
Format	Color
R_{YB}	158, 131, 95
Decimal	10384991
CIE _{Lab}	53.01, 12.52, 18.77
CIE _{LCh}	53, 22.561, 56.287
Yxy	21.0522, 0.3946, 0.3668
Android (android.graphics.Color)	4288575071 (0xFF9E765F)
YUV	127.3380, -15.9426, 26.8906
Hunter-Lab	45.8827, 7.8005, 14.4191

Details

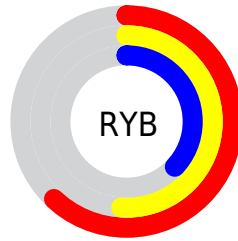
The XYZ color **22.6445, 21.0522, 13.6965** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.5544, 22.2285, 35.6075**, and the grayscale version is **20.3352, 21.3942, 23.2982**.

A 20% lighter version of the original color is **47.2946, 45.1209, 33.4106**, and **8.5702, 7.6053, 3.9220** is the 20% darker color. If you saturate the color by 10%, you get **20.8789, 18.5561, 9.9168**, and if you desaturate by 10%, it is **24.6825, 23.8599, 18.2861**.

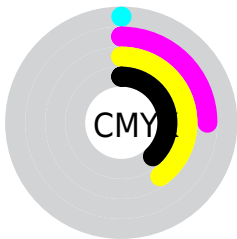
Distribution



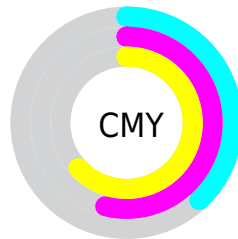
- Red (62%)
- Green (46%)
- Blue (37%)



- Red (62%)
- Yellow (51%)
- Blue (37%)



- Cyan (0%)
- Magenta (25%)
- Yellow (40%)
- Black (38%)



- Cyan (38%)
- Magenta (54%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6445, 21.0522, 13.6965 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 22.6445, 21.0522, 13.6965 by changing the saturation by 10% instead.

■ 22.6445, 21.0522,
13.6965

■ 22.6445, 21.0522,
13.6965

258.4634,
257.5558, 226.6969

■ 14.4505, 13.1622,
7.7735

■ 47.2799, 45.1744,
33.2589

■ 8.5184, 7.5403,
3.8647

■ 64.4520, 62.1753,
47.7354

■ 4.4830, 3.8022,
1.5514

■ 85.3475, 82.9820,
65.9001

■ 1.9789, 1.5636,
0.2558

■ 110.3317,
107.9789, 88.1717

■ 0.6220, 0.3328,
0.0000

139.7701,
137.5503, 114.9686

■ 0.0000, 0.0000,
0.0000

174.0279,

172.0807, 146.7094

213.4705,
211.9544, 183.8127

■ 22.6445, 21.0522,
13.6965

■ 22.6445, 21.0522,
13.6965

■ 20.8789, 18.5561,
9.9168

■ 24.6825, 23.8599,
18.2861

■ 19.3713, 16.3571,
6.8979

■ 27.0032, 26.9869,
23.7284

■ 18.1083, 14.4442,
4.5870

■ 29.6182, 30.4443,
30.0647

■ 17.0744, 12.8042,
2.9239

■ 32.5380, 34.2419,
37.3330

■ 16.2521, 11.4227,
1.8385

■ 35.7724, 38.3888,
45.5693

■ 15.6056, 10.2775,
1.1670

■ 39.3310, 42.8942,
54.8077

■ 15.5980, 10.2642,
1.1591

■ 43.2228, 47.7664,
65.0804

■ 47.4565, 53.0138,
76.4185

■ 52.0405, 58.6443,
88.8514

Harmonies

Analogous

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



24.3756, 21.0522, 17.6189



22.6445, 21.0522, 13.6965



20.3058, 21.0522, 12.2169

Triad

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



22.6445, 21.0522, 13.6965



15.8012, 21.0522, 22.0881



22.0943, 21.0522, 36.7138

Complementary

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



22.6445, 21.0522, 13.6965



19.5544, 22.2285, 35.6075

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.



19.7160, 21.0522, 38.5520



22.6445, 21.0522, 13.6965



16.1986, 21.0522, 29.1955

Square

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



22.6445, 21.0522, 13.6965



16.4561, 21.0522, 16.4198



17.5872, 21.0522, 35.5698



24.0408, 21.0522, 30.9482

Rectangle

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



22.6445, 21.0522, 13.6965



18.7596, 21.0522, 12.5458



17.5872, 21.0522, 35.5698



21.3137, 21.0522, 37.8550

Sweetspot

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



22.6450, 21.0532, 13.6969



52.6160, 53.7490, 51.7296



22.6332, 17.2299, 25.4068



11.7302, 11.9437, 11.3406



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.



22.6450, 21.0532, 13.6969



38.1957, 34.0985, 18.5907



26.8424, 29.4480, 15.0961



6.8215, 7.0230, 6.9817



12.5274, 8.2905, 0.9400



0.2626, 0.2254, 0.0297

Inverse Universe

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



19.5544, 22.2285, 35.6075



31.7601, 36.5144, 64.1175



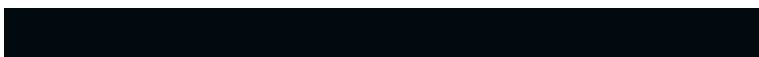
15.8868, 14.8932, 34.3849



6.6180, 7.1018, 8.4287



8.6547, 9.4010, 27.2657



0.1938, 0.2462, 0.5005

Previews

White Background



This preview shows how the XYZ color 22.6445, 21.0522, 13.6965 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 22.6445, 21.0522, 13.6965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

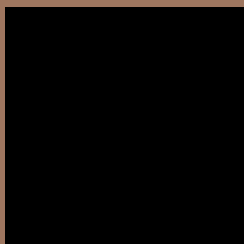
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.6445, 21.0522, 13.6965

Background



This preview shows how black text looks on a background with the XYZ color 22.6445, 21.0522, 13.6965.



This preview shows how white text looks on a background with the XYZ color 22.6445, 21.0522,

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

22.6445, 21.0522, 13.6965

Protanopia

19.8332, 21.2305, 14.8570

Deuteranopia

21.5576, 21.2112, 13.5476



Tritanopia

24.2904, 21.0418, 21.5201

Trichromacy



Original Color

22.6445, 21.0522, 13.6965

Protanomaly

20.7399, 21.1368, 14.5420

Deuteranomaly

21.9946, 21.2552, 13.5331

Tritanomaly

23.6086, 20.9273, 18.4179

Monochromacy



Original Color

22.6445, 21.0522, 13.6965

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.7834, 21.0564, 19.1885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6445, 21.0522, 13.6965 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, 95)` looks like.

```
.text, #text, p{  
    color:rgb(158, 118, 95)  
}
```

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, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 118, 95) }
```

Border

The CSS property to change the border of an element to XYZ 22.6445, 21.0522, 13.6965 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, 95) }
```


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

```
.border{ border-color:rgb(158, 118, 95) }
```

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, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 118, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 118, 95);  
box-shadow:4px 4px 4px 4px rgb(158, 118,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6445, 21.0522, 13.6965 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, 95) }
```

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

```
.background{ background-color: rgb(158,  
118, 95) }
```

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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