

Converting Colors

XYZ(22.0096, 28.6563, 14.7965)

Have a look what the booklet for
XYZ(22.0096, 28.6563, 14.7965)
contains.

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Color

**XYZ(22.0326, 28.7782,
14.7494)**

Conversions

Conversions Part 1

Format	Color
Hex	7B9C5D
RGB	123, 156, 93
RGB Percent	48%, 61%, 36%
CMY	0.5176, 0.3882, 0.6353
CMYK	0.21, 0.00, 0.40, 0.39
HSL	91°, 25%, 49%
HSV	91°, 40%, 61%
XYZ	22.0326, 28.7782, 14.7494
YIQ	138.9510, 0.5550, -26.5890

Conversions

Conversions Part 2

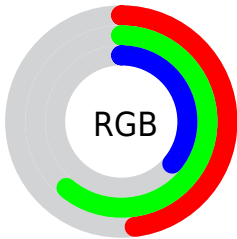
Format	Color
R_{YB}	93, 156, 126
Decimal	8100957
CIE _{Lab}	60.59, -22.96, 29.33
CIE _{LCh}	61, 37.249, 128.059
Yxy	28.7782, 0.3361, 0.4390
Android (android.graphics.Color)	4286291037 (0xFF7B9C5D)
YUV	138.9510, -22.6538, -13.9890
Hunter-Lab	53.6453, -20.5678, 21.2504

Details

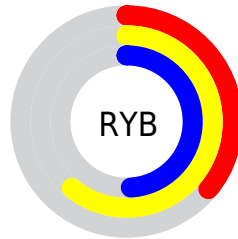
The XYZ color **22.0326, 28.7782, 14.7494** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.5205, 14.6654, 33.3087**, and the grayscale version is **24.6067, 25.8881, 28.1922**.

A 20% lighter version of the original color is **46.4598, 57.9493, 35.1222**, and **8.2729, 11.7091, 4.3067** is the 20% darker color. If you saturate the color by 10%, you get **20.2905, 27.9528, 11.4217**, and if you desaturate by 10%, it is **24.0148, 29.7128, 18.8254**.

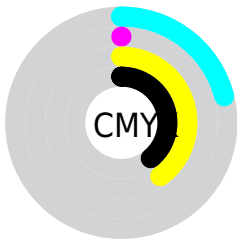
Distribution



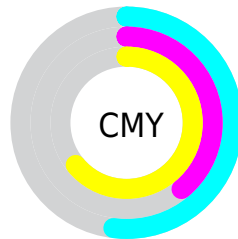
- Red (48%)
- Green (61%)
- Blue (36%)



- Red (36%)
- Yellow (61%)
- Blue (49%)



- Cyan (21%)
- Magenta (0%)
- Yellow (40%)
- Black (39%)



- Cyan (52%)
- Magenta (39%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.0326, 28.7782, 14.7494 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 22.0326, 28.7782, 14.7494 by changing the saturation by 10% instead.

■ 22.0326, 28.7782,
14.7494

■ 22.0326, 28.7782,
14.7494

255.3456,
296.1670, 233.4326

■ 13.9976, 18.9131,
8.4990

■ 46.2783, 57.7245,
35.1490

■ 8.2007, 11.6075,
4.3236

■ 63.2198, 77.5745,
50.1353

■ 4.2765, 6.4770,
1.8045

■ 83.8607, 101.5216,
68.8707

■ 1.8597, 3.1372,
0.4309

■ 108.5665,
129.9501, 91.7737

■ 0.5533, 1.2038,
0.0000

137.7026,
163.2445, 119.2629

■ 0.0000, 0.0648,
0.0000

171.6342,

■ 0.0000, 0.0000,

201.7892, 151.7567

0.0000

210.7268,
245.9686, 189.6738

■ 22.0326, 28.7782,
14.7494

■ 22.0326, 28.7782,
14.7494

■ 20.2905, 27.9528,
11.4217

■ 24.0148, 29.7128,
18.8254

■ 18.7752, 27.2283,
8.7949

■ 26.2451, 30.7572,
23.6894

■ 17.4755, 26.6006,
6.8189


■ 28.7337, 31.9167,
29.3809


■ 16.3779, 26.0643,
5.4366


■ 31.4896, 33.1952,
35.9358


■ 15.4671, 25.6127,
4.5805


■ 34.5213, 34.5963,
43.3881

 14.7348, 25.2452,
4.0962

 37.8370, 36.1235,
51.7700

 41.4443, 37.7801,
61.1119

 45.3507, 39.5693,
71.4431

 49.5634, 41.4942,
82.7913

Harmonies

Analogous

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



26.0751, 28.7782, 11.7294



22.0326, 28.7782, 14.7494



19.6318, 28.7782, 22.4339

Triad

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



22.0326, 28.7782, 14.7494



24.0369, 28.7782, 62.9290



37.5830, 28.7782, 27.7620

Complementary

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



22.0326, 28.7782, 14.7494



18.5205, 14.6654, 33.3087

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.



36.8717, 28.7782, 42.3240



22.0326, 28.7782, 14.7494



28.6716, 28.7782, 65.6066

Square

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



22.0326, 28.7782, 14.7494



20.6909, 28.7782, 50.6897



33.4671, 28.7782, 57.1949



35.3102, 28.7782, 17.6652

Rectangle

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



22.0326, 28.7782, 14.7494



19.1033, 28.7782, 30.4450



33.4671, 28.7782, 57.1949



37.6895, 28.7782, 32.2413

Sweetspot

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



22.0333, 28.7795, 14.7500



51.3124, 57.5607, 51.3300



23.0906, 22.6662, 13.5143



11.1708, 12.6099, 11.0170



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.



22.0333, 28.7795, 14.7500



37.2797, 50.9716, 21.5311



18.4261, 26.9145, 14.8257



6.8361, 7.5482, 7.0823



12.1760, 20.8137, 3.3757



0.2663, 0.3972, 0.0626

Inverse Universe

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



18.5205, 14.6654, 33.3087



30.0394, 21.8901, 59.7687



23.5380, 17.2623, 33.0813



6.5997, 6.5976, 8.3323



7.8293, 3.4652, 26.1634



0.1887, 0.0871, 0.4701

Previews

White Background



This preview shows how the XYZ color 22.0326, 28.7782, 14.7494 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 22.0326, 28.7782, 14.7494 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 22.0326, 28.7782, 14.7494

Background



This preview shows how black text looks on a background with the XYZ color 22.0326, 28.7782, 14.7494.



This preview shows how white text looks on a background with the XYZ color 22.0326, 28.7782,

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

22.0326, 28.7782, 14.7494

Protanopia

26.3801, 28.6500, 13.5908

Deuteranopia

29.0695, 28.4423, 15.2670



Tritanopia

26.6079, 28.7044, 37.3958

Trichromacy



Original Color

22.0326, 28.7782, 14.7494

Protanomaly

24.6059, 28.6619, 13.9083

Deuteranomaly

25.9470, 28.1632, 15.1348

Tritanomaly

24.5638, 28.5779, 27.5140

Monochromacy



Original Color

22.0326, 28.7782, 14.7494

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.3111, 26.6425, 22.3262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.0326, 28.7782, 14.7494 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(123, 156, 93)` looks like.

```
.text, #text, p{  
    color:rgb(123, 156, 93)  
}
```

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(123, 156, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 156, 93) }
```

Border

The CSS property to change the border of an element to XYZ 22.0326, 28.7782, 14.7494 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(123, 156, 93) }
```


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

```
.border{ border-color:rgb(123, 156, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 156, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 156, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 156, 93);  
box-shadow:4px 4px 4px 4px rgb(123, 156,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 22.0326, 28.7782, 14.7494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 156, 93) }
```

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

```
.background{ background-color: rgb(123,  
156, 93) }
```

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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