

Converting Colors

XYZ(19.7570, 26.6908, 22.4595)

Have a look what the booklet for
XYZ(19.7570, 26.6908, 22.4595)
contains.

XYZ(19.7280, 26.6744, 22.5213)	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(19.7280, 26.6744,
22.5213)**

Conversions

Conversions Part 1

Format	Color
Hex	60997A
RGB	96, 153, 122
RGB Percent	38%, 60%, 48%
CMY	0.6235, 0.4000, 0.5216
CMYK	0.37, 0.00, 0.20, 0.40
HSL	147°, 23%, 49%
HSV	147°, 37%, 60%
XYZ	19.7280, 26.6744, 22.5213
YIQ	132.4230, -24.0210, -21.7250

Conversions

Conversions Part 2

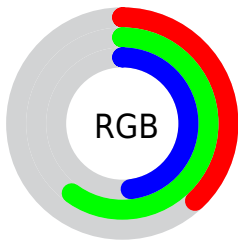
Format	Color
R_{YB}	96, 135, 153
Decimal	6330746
CIE _{Lab}	58.67, -25.82, 10.47
CIE _{LCh}	59, 27.860, 157.936
Yxy	26.6744, 0.2862, 0.3870
Android (android.graphics.Color)	4284520826 (0xFF60997A)
YUV	132.4230, -5.1385, -31.9430
Hunter-Lab	51.6473, -22.2001, 10.2991

Details

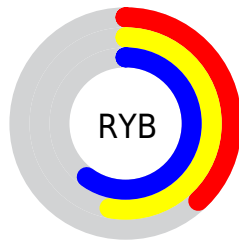
The XYZ color **19.7280, 26.6744, 22.5213** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.1514, 16.6711, 22.1829**, and the grayscale version is **22.1098, 23.2612, 25.3314**.

A 20% lighter version of the original color is **42.5903, 54.5573, 48.3303**, and **7.0807, 10.5646, 7.9693** is the 20% darker color. If you saturate the color by 10%, you get **17.7786, 25.7272, 19.8531**, and if you desaturate by 10%, it is **22.0363, 27.8030, 25.4380**.

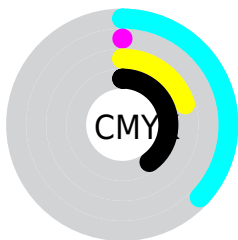
Distribution



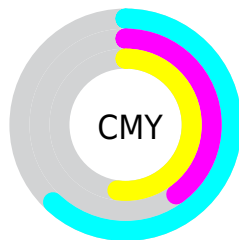
- Red (38%)
- Green (60%)
- Blue (48%)



- Red (38%)
- Yellow (53%)
- Blue (60%)



- Cyan (37%)
- Magenta (0%)
- Yellow (20%)
- Black (40%)



- Cyan (62%)
- Magenta (40%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7280, 26.6744, 22.5213 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 19.7280, 26.6744, 22.5213 by changing the saturation by 10% instead.

■ 19.7280, 26.6744,
22.5213

■ 19.7280, 26.6744,
22.5213

243.3005,
286.0772, 278.2985

■ 12.3046, 17.3288,
14.0385

■ 42.4681, 54.3609,
48.5193

■ 7.0251, 10.4692,
8.0084

■ 58.5155, 73.4707,
66.8715

■ 3.5243, 5.7112,
4.0125

■ 78.1683, 96.6040,
89.3506

■ 1.4367, 2.6703,
1.6322

■ 101.7919,
124.1452, 116.3752

■ 0.2822, 0.9621,
0.3136

129.7515,
156.4787, 148.3637

■ 0.0000, 0.0000,
0.0000

162.4126,

193.9890, 185.7347

200.1405,
237.0603, 228.9068

■ 19.7280, 26.6744,
22.5213

■ 19.7280, 26.6744,
22.5213

■ 17.7786, 25.7272,
19.8531

■ 22.0363, 27.8030,
25.4380

■ 16.1666, 24.9483,
17.4249

■ 24.7193, 29.1187,
28.6077

■ 14.8715, 24.3279,
15.2303


■ 27.7941, 30.6311,
32.0372


■ 13.8694, 23.8538,
13.2620


■ 31.2765, 32.3482,
35.7324


■ 13.1327, 23.5120,
11.5121


■ 35.1812, 34.2774,
39.6989


 12.6164, 23.2794,
9.9718

 39.5221, 36.4257,
43.9424

 12.4905, 23.2230,
9.5836

 44.3125, 38.8001,
48.4682

 49.5652, 41.4069,
53.2815

 55.2924, 44.2523,
58.3873

Harmonies

Analogous

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



21.5172, 26.6744, 16.5665



19.7280, 26.6744, 22.5213



19.3756, 26.6744, 31.7259

Triad

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



19.7280, 26.6744, 22.5213



26.2732, 26.6744, 52.0071



30.9083, 26.6744, 18.9257

Complementary

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



19.7280, 26.6744, 22.5213



21.1514, 16.6711, 22.1829

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.



32.4489, 26.6744, 26.5174



19.7280, 26.6744, 22.5213



29.6200, 26.6744, 46.5975

Square

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



19.7280, 26.6744, 22.5213



22.9597, 26.6744, 50.2573



31.9574, 26.6744, 36.7179



27.9076, 26.6744, 14.8396

Rectangle

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



19.7280, 26.6744, 22.5213



19.9702, 26.6744, 38.8033



31.9574, 26.6744, 36.7179



31.6259, 26.6744, 21.0756

Sweetspot

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



19.7287, 26.6755, 22.5219



47.5064, 53.7383, 54.8827



22.3081, 28.1671, 15.3278



10.3407, 11.7925, 11.9526



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



19.7287, 26.6755, 22.5219



32.2786, 46.2863, 36.1802



21.7331, 27.4773, 33.0769



6.2434, 6.9701, 7.2054



10.3393, 19.1992, 8.0071



0.1726, 0.2942, 0.2147

Inverse Universe

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



21.1514, 16.6711, 22.1829



35.2155, 25.6214, 35.4708



19.5655, 16.0367, 13.8315



6.3422, 6.2761, 7.1823



12.1716, 6.1229, 7.4287



0.2003, 0.0989, 0.2077

Previews

White Background



This preview shows how the XYZ color 19.7280, 26.6744, 22.5213 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 19.7280, 26.6744, 22.5213 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 19.7280, 26.6744, 22.5213

Background



This preview shows how black text looks on a background with the XYZ color 19.7280, 26.6744, 22.5213.



This preview shows how white text looks on a background with the XYZ color 19.7280, 26.6744,

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

19.7280, 26.6744, 22.5213

Protanopia

24.9249, 26.4067, 20.3063

Deuteranopia

26.7279, 26.2052, 23.3881



Tritanopia

22.6440, 26.6609, 37.2103

Trichromacy



Original Color

19.7280, 26.6744, 22.5213

Protanomaly

22.6013, 26.3046, 21.0256

Deuteranomaly

23.5280, 26.0609, 23.1922

Tritanomaly

21.4615, 26.6547, 31.2079

Monochromacy



Original Color

19.7280, 26.6744, 22.5213

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

20.8821, 24.2366, 23.9996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7280, 26.6744, 22.5213 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(96, 153, 122) looks like.

```
.text, #text, p{  
    color:rgb(96, 153, 122)  
}
```

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(96, 153, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 153, 122) }
```

Border

The CSS property to change the border of an element to XYZ 19.7280, 26.6744, 22.5213 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(96, 153, 122) }
```


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

```
.border{ border-color:rgb(96, 153, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 153, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 153, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 153, 122);  
box-shadow:4px 4px 4px 4px rgb(96, 153,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7280, 26.6744, 22.5213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 153, 122) }
```

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

```
.background{ background-color: rgb(96, 153,  
122) }
```

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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