

Converting Colors

XYZ(20.7465, 28.8932, 22.6871)

Have a look what the booklet for
XYZ(20.7465, 28.8932, 22.6871)
contains.

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Color

**XYZ(20.7413, 28.9550,
22.5848)**

Conversions

Conversions Part 1

Format	Color
Hex	5FA079
RGB	95, 160, 121
RGB Percent	37%, 63%, 47%
CMY	0.6274, 0.3725, 0.5255
CMYK	0.41, 0.00, 0.24, 0.37
HSL	144°, 25%, 50%
HSV	144°, 41%, 63%
XYZ	20.7413, 28.9550, 22.5848
YIQ	136.1190, -26.2210, -25.9090

Conversions

Conversions Part 2

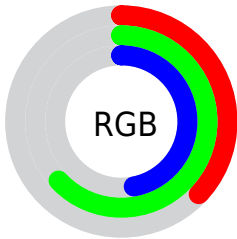
Format	Color
R_{YB}	95, 141, 160
Decimal	6267001
CIE _{Lab}	60.74, -29.76, 13.92
CIE _{LCh}	61, 32.855, 154.926
Yxy	28.9550, 0.2870, 0.4006
Android (android.graphics.Color)	4284457081 (0xFF5FA079)
YUV	136.1190, -7.4537, -36.0614
Hunter-Lab	53.8099, -25.3634, 12.7820

Details

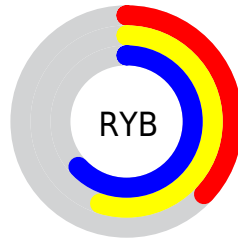
The XYZ color **20.7413, 28.9550, 22.5848** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.8935, 17.3799, 24.7034**, and the grayscale version is **23.4810, 24.7039, 26.9025**.

A 20% lighter version of the original color is **44.0560, 57.9139, 48.3917**, and **7.5285, 11.7066, 7.9937** is the 20% darker color. If you saturate the color by 10%, you get **18.6873, 27.9616, 19.5671**, and if you desaturate by 10%, it is **23.1969, 30.1502, 25.9284**.

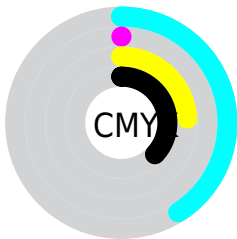
Distribution



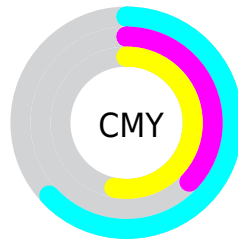
- Red (37%)
- Green (63%)
- Blue (47%)



- Red (37%)
- Yellow (55%)
- Blue (63%)



- Cyan (41%)
- Magenta (0%)
- Yellow (24%)
- Black (37%)



- Cyan (63%)
- Magenta (37%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7413, 28.9550, 22.5848 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 20.7413, 28.9550, 22.5848 by changing the saturation by 10% instead.

■ 20.7413, 28.9550,
22.5848

■ 20.7413, 28.9550,
22.5848

248.6582,
297.0026, 278.6377

■ 13.0464, 19.0468,
14.0848

■ 44.1511, 58.0056,
48.6252

■ 7.5377, 11.7041,
8.0403

■ 60.5968, 77.9167,
67.0027

■ 3.8499, 6.5425,
4.0326

■ 80.6900, 101.9310,
89.5097

■ 1.6176, 3.1777,
1.6432

■ 104.7963,
130.4327, 116.5649

■ 0.4038, 1.2252,
0.3214

133.2809,
163.8064, 148.5868

■ 0.0000, 0.0821,
0.0000

166.5092,

■ 0.0000, 0.0000,

202.4363, 185.9938

0.0000

204.8465,
246.7069, 229.2046

■ 20.7413, 28.9550,
22.5848

■ 20.7413, 28.9550,
22.5848

■ 18.6873, 27.9616,
19.5671

■ 23.1969, 30.1502,
25.9284

■ 17.0097, 27.1549,
16.8635

■ 26.0726, 31.5543,
29.6055

■ 15.6842, 26.5233,
14.4640


■ 29.3886, 33.1782,
33.6259


■ 14.6824, 26.0524,
12.3576


■ 33.1630, 35.0311,
37.9982


■ 13.9709, 25.7253,
10.5324


■ 37.4129, 37.1217,
42.7310

 13.4968, 25.5129,
9.0635

 42.1546, 39.4582,
47.8323

 47.4036, 42.0483,
53.3100

 53.1744, 44.8995,
59.1717

 59.4814, 48.0190,
65.4248

Harmonies

Analogous

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



23.0878, 28.9550, 15.9256



20.7413, 28.9550, 22.5848



20.1324, 28.9550, 33.5872

Triad

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



20.7413, 28.9550, 22.5848



28.2311, 28.9550, 61.1923



34.8068, 28.9550, 19.9019

Complementary

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



20.7413, 28.9550, 22.5848



22.8935, 17.3799, 24.7034

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.



36.5263, 28.9550, 29.5530



20.7413, 28.9550, 22.5848



32.4879, 28.9550, 54.9691

Square

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



20.7413, 28.9550, 22.5848



24.1898, 28.9550, 57.9428



35.6369, 28.9550, 42.5641



31.1445, 28.9550, 14.6803

Rectangle

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



20.7413, 28.9550, 22.5848



20.7339, 28.9550, 42.4972



35.6369, 28.9550, 42.5641



35.6475, 28.9550, 22.6287

Sweetspot

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



20.7421, 28.9562, 22.5855



52.3367, 59.7384, 59.8374



24.6425, 31.1270, 15.5361



11.3145, 13.0213, 12.9273



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.



20.7421, 28.9562, 22.5855



34.1609, 50.8798, 35.8813



22.9927, 29.8565, 34.4373



6.6552, 7.4428, 7.6188



10.5339, 19.8815, 7.1687



0.2086, 0.3636, 0.2349

Inverse Universe

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



22.8935, 17.3799, 24.7034



38.6220, 26.8421, 40.2487



21.0176, 16.6295, 14.8250



6.7917, 6.7096, 7.7542



12.9600, 6.4886, 9.3063



0.2522, 0.1242, 0.2743

Previews

White Background



This preview shows how the XYZ color 20.7413, 28.9550, 22.5848 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 20.7413, 28.9550, 22.5848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

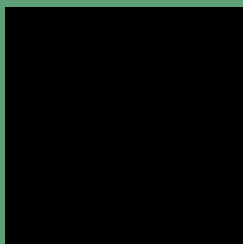
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.7413, 28.9550, 22.5848

Background



This preview shows how black text looks on a background with the XYZ color 20.7413, 28.9550, 22.5848.

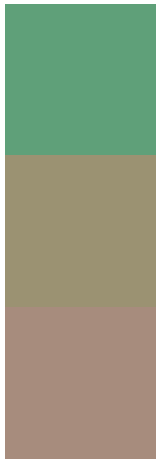


This preview shows how white text looks on a background with the XYZ color 20.7413, 28.9550,

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

20.7413, 28.9550, 22.5848

Protanopia

26.8337, 28.7412, 20.0529

Deuteranopia

29.0161, 28.4523, 23.3646



Tritanopia

24.2642, 28.8676, 40.3695

Trichromacy



Original Color

20.7413, 28.9550, 22.5848

Protanomaly

23.9504, 28.4041, 21.0498

Deuteranomaly

25.0563, 27.9854, 23.1499

Tritanomaly

22.7603, 28.7456, 33.2030

Monochromacy



Original Color

20.7413, 28.9550, 22.5848

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.1073, 25.9544, 25.3173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7413, 28.9550, 22.5848 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(95, 160, 121)` looks like.

```
.text, #text, p{  
    color:rgb(95, 160, 121)  
}
```

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(95, 160, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 160, 121) }
```

Border

The CSS property to change the border of an element to XYZ 20.7413, 28.9550, 22.5848 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(95, 160, 121) }
```


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

```
.border{ border-color:rgb(95, 160, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 160, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 160, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 160, 121);  
box-shadow:4px 4px 4px 4px rgb(95, 160,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7413, 28.9550, 22.5848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 160, 121) }
```

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

```
.background{ background-color: rgb(95, 160,  
121) }
```

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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