

Converting Colors

XYZ(20.1995, 28.7155, 20.7988)

Have a look what the booklet for
XYZ(20.1995, 28.7155, 20.7988)
contains.

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Color

**XYZ(20.1795, 28.7066,
20.6970)**

Conversions

Conversions Part 1

Format	Color
Hex	5DA073
RGB	93, 160, 115
RGB Percent	36%, 63%, 45%
CMY	0.6353, 0.3725, 0.5490
CMYK	0.42, 0.00, 0.28, 0.37
HSL	140°, 26%, 50%
HSV	140°, 42%, 63%
XYZ	20.1795, 28.7066, 20.6970
YIQ	134.8370, -25.4870, -28.1990

Conversions

Conversions Part 2

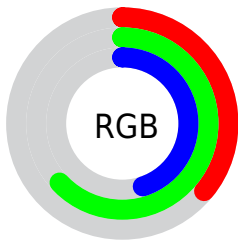
Format	Color
R_{YB}	93, 143, 160
Decimal	6135923
CIE _{Lab}	60.52, -31.55, 16.94
CIE _{LCh}	61, 35.813, 151.771
Yxy	28.7066, 0.2900, 0.4126
Android (android.graphics.Color)	4284326003 (0xFF5DA073)
YUV	134.8370, -9.7796, -36.6910
Hunter-Lab	53.5785, -26.5333, 14.6017

Details

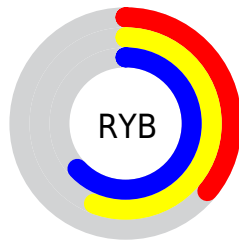
The XYZ color **20.1795, 28.7066, 20.6970** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.9999, 17.1378, 26.1415**, and the grayscale version is **23.0112, 24.2095, 26.3642**.

A 20% lighter version of the original color is **43.1296, 57.5019, 45.3850**, and **7.2901, 11.6018, 7.1653** is the 20% darker color. If you saturate the color by 10%, you get **18.1436, 27.7252, 17.5599**, and if you desaturate by 10%, it is **22.6278, 29.8939, 24.2310**.

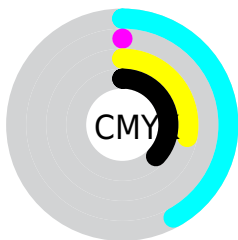
Distribution



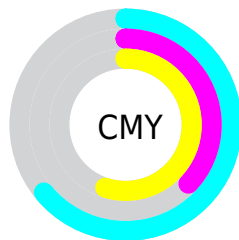
- Red (36%)
- Green (63%)
- Blue (45%)



- Red (36%)
- Yellow (56%)
- Blue (63%)



- Cyan (42%)
- Magenta (0%)
- Yellow (28%)
- Black (37%)



- Cyan (64%)
- Magenta (37%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1795, 28.7066, 20.6970 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 20.1795, 28.7066, 20.6970 by changing the saturation by 10% instead.

■ 20.1795, 28.7066,
20.6970

■ 20.1795, 28.7066,
20.6970

245.7003,
295.8281, 268.3918

■ 12.6346, 18.8590,
12.7136

■ 43.2196, 57.6106,
45.4569

■ 7.2527, 11.5684,
7.1032

■ 59.4455, 77.4358,
63.0706

■ 3.6684, 6.4505,
3.4473

■ 79.2957, 101.3556,
84.7314

■ 1.5163, 3.1209,
1.3273

■ 103.1358,
129.7544, 110.8579

■ 0.3369, 1.1952,
0.0840

131.3309,
163.0167, 141.8686

■ 0.0000, 0.0578,
0.0000

164.2464,

■ 0.0000, 0.0000,

201.5268, 178.1822

0.0000

202.2478,
245.6692, 220.2170

■ 20.1795, 28.7066,
20.6970

■ 20.1795, 28.7066,
20.6970

■ 18.1436, 27.7252,
17.5599

■ 22.6278, 29.8939,
24.2310

■ 16.4942, 26.9342,
14.8039

■ 25.5082, 31.2945,
28.1733

■ 15.2057, 26.3215,
12.4146


■ 28.8416, 32.9198,
32.5371


■ 14.2483, 25.8720,
10.3764


■ 32.6469, 34.7793,
37.3345


■ 13.5869, 25.5681,
8.6720


■ 36.9420, 36.8819,
42.5772

 13.2034, 25.3956,
7.5187

 41.7437, 39.2361,
48.2763

 47.0682, 41.8500,
54.4426

 52.9307, 44.7313,
61.0864

 59.3461, 47.8873,
68.2178

Harmonies

Analogous

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



22.8677, 28.7066, 14.2270



20.1795, 28.7066, 20.6970



19.3307, 28.7066, 32.0499

Triad

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



20.1795, 28.7066, 20.6970



27.5604, 28.7066, 64.2243



35.5594, 28.7066, 19.6790

Complementary

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



20.1795, 28.7066, 20.6970



22.9999, 17.1378, 26.1415

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.



37.1669, 28.7066, 30.4765



20.1795, 28.7066, 20.6970



32.2369, 28.7066, 58.2735

Square

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



20.1795, 28.7066, 20.6970



23.2932, 28.7066, 59.4734



35.8882, 28.7066, 44.9077



31.7081, 28.7066, 13.7665

Rectangle

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



20.1795, 28.7066, 20.6970



19.8354, 28.7066, 41.6795



35.8882, 28.7066, 44.9077



36.3985, 28.7066, 22.7346

Sweetspot

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



20.1803, 28.7078, 20.6976



51.4835, 59.3397, 57.9397



25.1589, 31.4036, 15.0916



11.0033, 12.8737, 12.3341



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.



20.1803, 28.7078, 20.6976



33.2494, 50.4867, 32.3725



22.4088, 29.5992, 32.4329



6.6361, 7.4352, 7.5182



10.3033, 19.7893, 5.9543



0.2026, 0.3612, 0.2033

Inverse Universe

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



22.9999, 17.1378, 26.1415



39.0440, 26.6678, 43.5289



20.9767, 16.3286, 15.4876



6.8114, 6.7175, 7.8582



13.4003, 6.6647, 11.6249



0.2582, 0.1266, 0.3059

Previews

White Background



This preview shows how the XYZ color 20.1795, 28.7066, 20.6970 looks on a white background.

Color Contrast Check

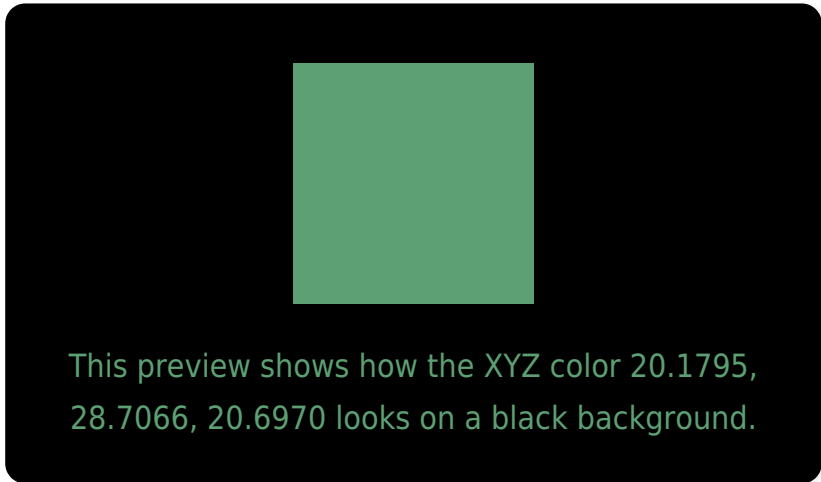
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 20.1795, 28.7066, 20.6970

Background



This preview shows how black text looks on a background with the XYZ color 20.1795, 28.7066, 20.6970.



This preview shows how white text looks on a background with the XYZ color 20.1795, 28.7066,

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

20.1795, 28.7066, 20.6970

Protanopia

26.5425, 28.4014, 18.2704

Deuteranopia

28.8563, 28.4129, 21.4161



Tritanopia

23.9831, 28.4787, 40.3093

Trichromacy



Original Color

20.1795, 28.7066, 20.6970

Protanomaly

23.4485, 27.9469, 19.1974

Deuteranomaly

24.6882, 27.8382, 21.2116

Tritanomaly

22.4105, 28.5928, 31.9416

Monochromacy



Original Color

20.1795, 28.7066, 20.6970

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

21.6153, 25.4981, 24.2045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1795, 28.7066, 20.6970 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(93, 160, 115)` looks like.

```
.text, #text, p{  
    color:rgb(93, 160, 115)  
}
```

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(93, 160, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 160, 115) }
```

Border

The CSS property to change the border of an element to XYZ 20.1795, 28.7066, 20.6970 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(93, 160, 115) }
```


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

```
.border{ border-color:rgb(93, 160, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 160, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 160, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 160, 115);  
box-shadow:4px 4px 4px 4px rgb(93, 160,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1795, 28.7066, 20.6970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 160, 115) }
```

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

```
.background{ background-color: rgb(93, 160,  
115) }
```

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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