

Converting Colors

XYZ(20.8275, 27.2858, 20.5707)

Have a look what the booklet for
XYZ(20.8275, 27.2858, 20.5707)
contains.

XYZ(20.8503, 27.2946, 20.6925)	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(20.8503, 27.2946,
20.6925)**

Conversions

Conversions Part 1

Format	Color
Hex	6D9974
RGB	109, 153, 116
RGB Percent	43%, 60%, 45%
CMY	0.5725, 0.4000, 0.5451
CMYK	0.29, 0.00, 0.24, 0.40
HSL	130°, 18%, 51%
HSV	130°, 29%, 60%
XYZ	20.8503, 27.2946, 20.6925
YIQ	135.6260, -14.3470, -20.8350

Conversions

Conversions Part 2

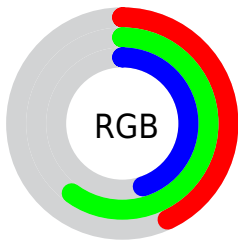
Format	Color
R_{YB}	109, 147, 153
Decimal	7182708
CIE _{Lab}	59.25, -22.78, 14.75
CIE _{LCh}	59, 27.141, 147.087
Yxy	27.2946, 0.3029, 0.3965
Android (android.graphics.Color)	4285372788 (0xFF6D9974)
YUV	135.6260, -9.6756, -23.3510
Hunter-Lab	52.2442, -20.1893, 13.0878

Details

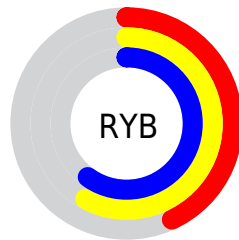
The XYZ color **20.8503, 27.2946, 20.6925** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **23.7947, 19.7855, 29.7601**, and the grayscale version is **23.3014, 24.5148, 26.6967**.

A 20% lighter version of the original color is **44.5241, 55.6203, 45.4349**, and **7.6582, 10.8808, 7.1654** is the 20% darker color. If you saturate the color by 10%, you get **18.4322, 26.1294, 16.9396**, and if you desaturate by 10%, it is **23.7012, 28.6725, 25.0080**.

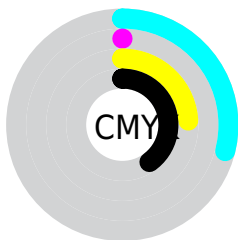
Distribution



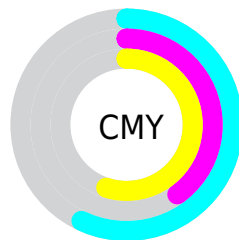
- Red (43%)
- Green (60%)
- Blue (45%)



- Red (43%)
- Yellow (58%)
- Blue (60%)



- Cyan (29%)
- Magenta (0%)
- Yellow (24%)
- Black (40%)



- Cyan (57%)
- Magenta (40%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.8503, 27.2946, 20.6925 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 20.8503, 27.2946, 20.6925 by changing the saturation by 10% instead.

■ 20.8503, 27.2946,
20.6925

■ 20.8503, 27.2946,
20.6925

249.2286,
289.0807, 268.3669

■ 13.1265, 17.7946,
12.7104

■ 44.3314, 55.3562,
45.4493

■ 7.5933, 10.8026,
7.1010

■ 60.8194, 74.6867,
63.0611

■ 3.8854, 5.9343,
3.4460

■ 80.9595, 98.0627,
84.7199

■ 1.6375, 2.8052,
1.3266

■ 105.1170,
125.8687, 110.8441

■ 0.4167, 1.0309,
0.0834

133.6573,
158.4892, 141.8524

■ 0.0000, 0.0000,
0.0000

166.9458,

196.3084, 178.1633

205.3478,
239.7107, 220.1953

■ 20.8503, 27.2946,
20.6925

■ 20.8503, 27.2946,
20.6925

■ 18.4322, 26.1294,
16.9396

■ 23.7012, 28.6725,
25.0080

■ 16.4235, 25.1629,
13.7244

■ 27.0025, 30.2694,
29.9059

■ 14.8019, 24.3851,
11.0227

■ 30.7734, 32.0955,
35.4076

■ 13.5420, 23.7833,
8.8079

■ 35.0313, 34.1594,
41.5326

■ 12.6155, 23.3436,
7.0509

■ 39.7929, 36.4692,
48.2996

■ 11.9895, 23.0497,
5.7197

■ 45.0740, 39.0328,
55.7266

■ 11.6013, 22.8700,
4.7766

■ 50.8896, 41.8575,
63.8307

■ 11.5602, 22.8509,
4.6843

■ 57.2542, 44.9505,
72.6286

■ 64.1818, 48.3185,
82.1362

Harmonies

Analogous

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



23.0887, 27.2946, 16.0137



20.8503, 27.2946, 20.6925



19.9667, 27.2946, 28.7812

Triad

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



20.8503, 27.2946, 20.6925



25.6131, 27.2946, 52.5106



32.1840, 27.2946, 22.0094

Complementary

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



20.8503, 27.2946, 20.6925



23.7947, 19.7855, 29.7601

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.



33.0059, 27.2946, 30.6773



20.8503, 27.2946, 20.6925



29.0227, 27.2946, 49.6109

Square

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



20.8503, 27.2946, 20.6925



22.5623, 27.2946, 48.2888



31.8033, 27.2946, 41.0501



29.6450, 27.2946, 16.6497

Rectangle

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



20.8503, 27.2946, 20.6925



20.2020, 27.2946, 35.5433



31.8033, 27.2946, 41.0501



32.6793, 27.2946, 24.5688

Sweetspot

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



20.8510, 27.2957, 20.6931



48.0919, 54.0788, 53.1669



26.0779, 30.0356, 18.8913



10.4338, 11.8514, 11.4666



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.



20.8510, 27.2957, 20.6931



34.2573, 47.3944, 32.2930



22.2573, 27.8582, 28.0982



6.1703, 6.9408, 6.8200



9.5625, 18.8885, 3.9168



0.1519, 0.2859, 0.1054

Inverse Universe

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



23.7947, 19.7855, 29.7601



40.4727, 31.5274, 51.4302



22.2698, 19.1755, 21.7298



6.4190, 6.3068, 7.5865



14.1237, 6.9037, 17.7081



0.2211, 0.1072, 0.3173

Previews

White Background



This preview shows how the XYZ color 20.8503, 27.2946, 20.6925 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 20.8503, 27.2946, 20.6925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

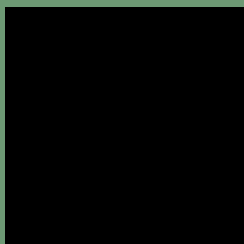
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.8503, 27.2946, 20.6925

Background



This preview shows how black text looks on a background with the XYZ color 20.8503, 27.2946, 20.6925.



This preview shows how white text looks on a background with the XYZ color 20.8503, 27.2946,

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

20.8503, 27.2946, 20.6925

Protanopia

25.3047, 27.0730, 18.9308

Deuteranopia

27.5853, 27.1157, 21.2327



Tritanopia

24.0278, 27.1525, 36.7755

Trichromacy



Original Color

20.8503, 27.2946, 20.6925

Protanomaly

23.4129, 26.9843, 19.5973

Deuteranomaly

24.5941, 26.8822, 21.0321

Tritanomaly

22.6448, 27.0555, 30.0153

Monochromacy



Original Color

20.8503, 27.2946, 20.6925

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.2396, 25.3666, 24.4930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.8503, 27.2946, 20.6925 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(109, 153, 116)` looks like.

```
.text, #text, p{  
    color:rgb(109, 153, 116)  
}
```

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(109, 153, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 153, 116) }
```

Border

The CSS property to change the border of an element to XYZ 20.8503, 27.2946, 20.6925 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(109, 153, 116) }
```


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

```
.border{ border-color:rgb(109, 153, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 153, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 153, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 153, 116);  
box-shadow:4px 4px 4px 4px rgb(109, 153,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 20.8503, 27.2946, 20.6925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 153, 116) }
```

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

```
.background{ background-color: rgb(109,  
153, 116) }
```

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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