

Converting Colors

XYZ(20.9366, 27.6424, 8.2570)

Have a look what the booklet for
XYZ(20.9366, 27.6424, 8.2570)
contains.

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Color

**XYZ(20.9074, 27.6000,
8.2284)**

Conversions

Conversions Part 1

Format	Color
Hex	7F993A
RGB	127, 153, 58
RGB Percent	50%, 60%, 23%
CMY	0.5020, 0.4000, 0.7725
CMYK	0.17, 0.00, 0.62, 0.40
HSL	76°, 45%, 41%
HSV	76°, 62%, 60%
XYZ	20.9074, 27.6000, 8.2284
YIQ	134.3960, 14.9990, -35.0570

Conversions

Conversions Part 2

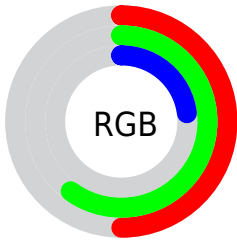
Format	Color
RYB	58, 153, 84
Decimal	8362298
CIELab	59.53, -23.72, 45.66
CIELCh	60, 51.451, 117.447
Yxy	27.6000, 0.3685, 0.4865
Android (android.graphics.Color)	4286552378 (0xFF7F993A)
YUV	134.3960, -37.6632, -6.4863
Hunter-Lab	52.5357, -20.9006, 27.4887

Details

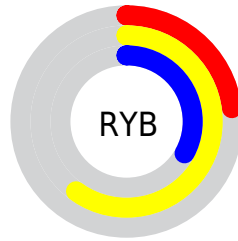
The XYZ color **20.9074, 27.6000, 8.2284** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **10.9200, 7.2116, 30.9550**, and the grayscale version is **22.9372, 24.1317, 26.2794**.

A 20% lighter version of the original color is **44.3645, 55.6749, 22.8761**, and **7.6530, 10.9986, 1.7196** is the 20% darker color. If you saturate the color by 10%, you get **19.9640, 27.1530, 6.4458**, and if you desaturate by 10%, it is **21.9938, 28.1091, 10.6226**.

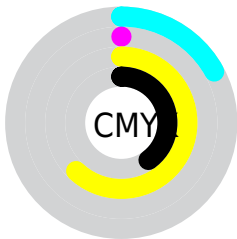
Distribution



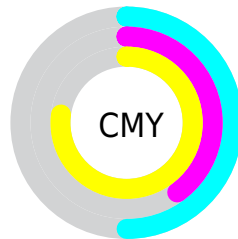
- Red (50%)
- Green (60%)
- Blue (23%)



- Red (23%)
- Yellow (60%)
- Blue (33%)



- Cyan (17%)
- Magenta (0%)
- Yellow (62%)
- Black (40%)





- Cyan (50%)
- Magenta (40%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 20.9074, 27.6000, 8.2284 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 20.9074, 27.6000, 8.2284 by changing the saturation by 10% instead.


 20.9074, 27.6000,
8.2284


 20.9074, 27.6000,
8.2284


249.5270,
290.5506, 187.5136


 13.1684, 18.0244,
4.1516


 44.4258, 55.8452,
22.9585

 7.6224, 10.9675,
1.7089


 60.9359, 75.2835,
34.4489

 3.9041, 6.0450,
0.3668

 81.1005, 98.7782,
49.2475

 1.6480, 2.8724,
0.0000

 105.2848,
126.7136, 67.7730

 0.4234, 1.0655,
0.0000

 133.8543,
159.4742, 90.4438

 0.0000, 0.0000,
0.0000

 167.1742,

197.4442, 117.6785

205.6100,
241.0083, 149.8956

■ 20.9074, 27.6000,
8.2284

■ 20.9074, 27.6000,
8.2284

■ 19.9640, 27.1530,
6.4458

■ 21.9938, 28.1091,
10.6226

■ 19.1506, 26.7601,
5.2173

■ 23.2307, 28.6805,
13.6757

■ 18.4551, 26.4172,
4.4774

■ 24.6276, 29.3189,
17.4323

■ 17.9629, 26.1712,
4.1048

■ 26.1923, 30.0275,
21.9326

■ 27.9322, 30.8094,
27.2139

■ 29.8541, 31.6672,
33.3109

■ 31.9646, 32.6037,
40.2561

■ 34.2697, 33.6212,
48.0805

■ 36.7754, 34.7222,
56.8132

Harmonies

Analogous

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



26.7910, 27.6000, 6.6638



20.9074, 27.6000, 8.2284



17.0835, 27.6000, 14.6704

Triad

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



20.9074, 27.6000, 8.2284



20.0932, 27.6000, 71.1872



40.7240, 27.6000, 31.6667

Complementary

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



20.9074, 27.6000, 8.2284



10.9200, 7.2116, 30.9550

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.



38.1757, 27.6000, 53.5833



20.9074, 27.6000, 8.2284



25.6828, 27.6000, 81.5338

Square

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



20.9074, 27.6000, 8.2284



16.6706, 27.6000, 49.6426



32.3938, 27.6000, 74.0445



38.8917, 27.6000, 16.4413

Rectangle

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



20.9074, 27.6000, 8.2284



15.8688, 27.6000, 22.9552



32.3938, 27.6000, 74.0445



40.3431, 27.6000, 38.4780

Sweetspot

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



20.9081, 27.6012, 8.2290



47.7193, 54.1400, 41.7036



17.0204, 13.3163, 5.6766



10.3626, 11.8761, 8.6892



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.



20.9081, 27.6012, 8.2290



35.0841, 48.3047, 10.4612



15.4783, 24.8021, 7.9749



6.5440, 7.1379, 6.6387



14.8784, 21.6460, 3.3939



0.2567, 0.3413, 0.0523

Inverse Universe

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



10.9200, 7.2116, 30.9550



15.6969, 8.5783, 54.8004



16.5981, 10.1387, 31.2208



6.0353, 6.1041, 7.7891



5.5658, 2.3203, 25.0622



0.1147, 0.0509, 0.3762

Previews

White Background



This preview shows how the XYZ color 20.9074, 27.6000, 8.2284 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 20.9074, 27.6000, 8.2284 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 20.9074, 27.6000, 8.2284

Background



This preview shows how black text looks on a background with the XYZ color 20.9074, 27.6000, 8.2284.



This preview shows how white text looks on a background with the XYZ color 20.9074, 27.6000,

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

20.9074, 27.6000, 8.2284

Protanopia

25.0093, 27.3943, 7.5839

Deuteranopia

27.8328, 27.3143, 8.5079



Tritanopia

26.2201, 27.4148, 34.9200

Trichromacy



Original Color

20.9074, 27.6000, 8.2284

Protanomaly

23.3603, 27.4489, 7.8083

Deuteranomaly

24.8134, 27.0539, 8.3290

Tritanomaly

23.6554, 27.2918, 21.7904

Monochromacy



Original Color

20.9074, 27.6000, 8.2284

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

21.4865, 24.9157, 17.3124

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9074, 27.6000, 8.2284 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(127, 153, 58)` looks like.

```
.text, #text, p{  
    color:rgb(127, 153, 58)  
}
```

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(127, 153, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 153, 58) }
```

Border

The CSS property to change the border of an element to XYZ 20.9074, 27.6000, 8.2284 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(127, 153, 58) }
```


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

```
.border{ border-color:rgb(127, 153, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 153, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 153, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 153, 58);  
box-shadow:4px 4px 4px 4px rgb(127, 153,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9074, 27.6000, 8.2284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 153, 58) }
```

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

```
.background{ background-color: rgb(127,  
153, 58) }
```

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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