

Converting Colors

XYZ(20.8607, 28.8916, 23.3434)

Have a look what the booklet for
XYZ(20.8607, 28.8916, 23.3434)
contains.

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Color

**XYZ(20.8653, 29.0046,
23.2376)**

Conversions

Conversions Part 1

Format	Color
Hex	5FA07B
RGB	95, 160, 123
RGB Percent	37%, 63%, 48%
CMY	0.6274, 0.3725, 0.5176
CMYK	0.41, 0.00, 0.23, 0.37
HSL	146°, 25%, 50%
HSV	146°, 41%, 63%
XYZ	20.8653, 29.0046, 23.2376
YIQ	136.3470, -26.8630, -25.2870

Conversions

Conversions Part 2

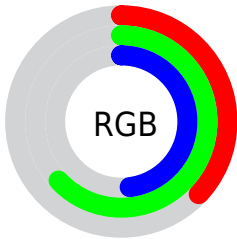
Format	Color
R_{YB}	95, 140, 160
Decimal	6267003
CIE _{Lab}	60.79, -29.35, 12.87
CIE _{LCh}	61, 32.047, 156.323
Yxy	29.0046, 0.2854, 0.3967
Android (android.graphics.Color)	4284457083 (0xFF5FA07B)
YUV	136.3470, -6.5801, -36.2613
Hunter-Lab	53.8559, -25.0919, 12.1169

Details

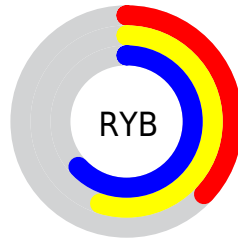
The XYZ color **20.8653, 29.0046, 23.2376** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.7553, 17.3247, 23.9757**, and the grayscale version is **23.5637, 24.7908, 26.9972**.

A 20% lighter version of the original color is **44.3497, 58.0314, 49.9380**, and **7.5949, 11.7331, 8.3430** is the 20% darker color. If you saturate the color by 10%, you get **18.8271, 28.0175, 20.3034**, and if you desaturate by 10%, it is **23.2995, 30.1913, 26.4686**.

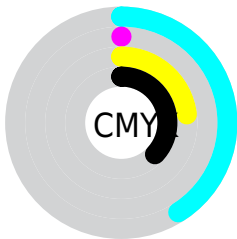
Distribution



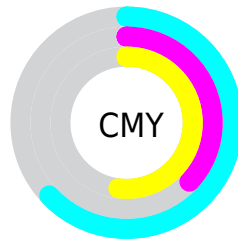
- Red (37%)
- Green (63%)
- Blue (48%)



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



- Cyan (41%)
- Magenta (0%)
- Yellow (23%)
- Black (37%)



- Cyan (63%)
- Magenta (37%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.8653, 29.0046, 23.2376 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 20.8653, 29.0046, 23.2376 by changing the saturation by 10% instead.

■ 20.8653, 29.0046,
23.2376

■ 20.8653, 29.0046,
23.2376

249.3071,
297.2367, 282.1044

■ 13.1375, 19.0843,
14.5621

■ 44.3562, 58.0844,
49.7113

■ 7.6009, 11.7312,
8.3694

■ 60.8500, 78.0127,
68.3466

■ 3.8903, 6.5609,
4.2411

■ 80.9965, 102.0457,
91.1389

■ 1.6403, 3.1891,
1.7585

■ 105.1611,
130.5680, 118.5067

■ 0.4184, 1.2312,
0.4004

133.7091,
163.9638, 150.8687

■ 0.0000, 0.0870,
0.0000

167.0058,

■ 0.0000, 0.0000,

202.6176, 188.6432

0.0000

205.4167,
246.9138, 232.2489

■ 20.8653, 29.0046,
23.2376

■ 20.8653, 29.0046,
23.2376

■ 18.8271, 28.0175,
20.3034

■ 23.2995, 30.1913,
26.4686

■ 17.1601, 27.2150,
17.6554

■ 26.1480, 31.5845,
30.0025

■ 15.8402, 26.5857,
15.2852


■ 29.4308, 33.1951,
33.8480


■ 14.8392, 26.1151,
13.1834


■ 33.1657, 35.0322,
38.0125

■ 14.1242, 25.7866,
11.3397


■ 37.3698, 37.1044,
42.5033

 13.6431, 25.5714,
9.8343

 42.0589, 39.4198,
47.3275

 47.2483, 41.9862,
52.4919

 52.9527, 44.8108,
58.0032

 59.1858, 47.9008,
63.8677

Harmonies

Analogous

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



23.0915, 29.0046, 16.4729



20.8653, 29.0046, 23.2376



20.3502, 29.0046, 34.1749

Triad

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



20.8653, 29.0046, 23.2376



28.4594, 29.0046, 60.2994



34.5362, 29.0046, 19.8511

Complementary

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



20.8653, 29.0046, 23.2376



22.7553, 17.3247, 23.9757

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.



36.3177, 29.0046, 29.1219



20.8653, 29.0046, 23.2376



32.5886, 29.0046, 53.8966

Square

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



20.8653, 29.0046, 23.2376



24.4757, 29.0046, 57.5849



35.5714, 29.0046, 41.7151



30.9104, 29.0046, 14.8898

Rectangle

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



20.8653, 29.0046, 23.2376



20.9954, 29.0046, 42.8814



35.5714, 29.0046, 41.7151



35.3864, 29.0046, 22.4639

Sweetspot

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



20.8661, 29.0058, 23.2383



52.4237, 59.7732, 60.2954



24.2971, 30.9489, 15.5200



11.3352, 13.0296, 13.0365



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.



20.8661, 29.0058, 23.2383



34.4130, 50.9807, 37.2092



23.1725, 29.9284, 35.3840



6.6634, 7.4461, 7.6622



10.6486, 19.9274, 7.7726



0.2112, 0.3646, 0.2485

Inverse Universe

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



22.7553, 17.3247, 23.9757



38.3315, 26.7259, 38.7191



20.9108, 16.5868, 14.2625



6.7833, 6.7062, 7.7098



12.7891, 6.4202, 8.4065



0.2496, 0.1232, 0.2607

Previews

White Background



This preview shows how the XYZ color 20.8653, 29.0046, 23.2376 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 20.8653, 29.0046, 23.2376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

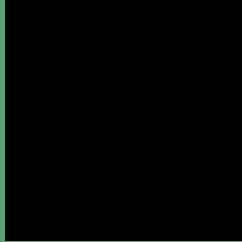
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.8653, 29.0046, 23.2376

Background



This preview shows how black text looks on a background with the XYZ color 20.8653, 29.0046, 23.2376.



This preview shows how white text looks on a background with the XYZ color 20.8653, 29.0046,

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

20.8653, 29.0046, 23.2376

Protanopia

26.9488, 28.7873, 20.6591

Deuteranopia

29.2920, 28.7975, 24.0933



Tritanopia

24.3564, 28.9045, 40.8546

Trichromacy



Original Color

20.8653, 29.0046, 23.2376

Protanomaly

24.0692, 28.4517, 21.6759

Deuteranomaly

25.3403, 28.3489, 23.8750

Tritanomaly

22.8412, 28.7780, 33.6290

Monochromacy



Original Color

20.8653, 29.0046, 23.2376

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 20.8653, 29.0046, 23.2376 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, 123)` looks like.

```
.text, #text, p{  
    color:rgb(95, 160, 123)  
}
```

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, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 160, 123) }
```

Border

The CSS property to change the border of an element to XYZ 20.8653, 29.0046, 23.2376 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, 123) }
```


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

```
.border{ border-color:rgb(95, 160, 123) }
```

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, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 160, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 160, 123);  
box-shadow:4px 4px 4px 4px rgb(95, 160,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 20.8653, 29.0046, 23.2376 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, 123) }
```

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

```
.background{ background-color: rgb(95, 160,  
123) }
```

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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