

Converting Colors

XYZ(23.3004, 27.6153, 20.0218)

Have a look what the booklet for
XYZ(23.3004, 27.6153, 20.0218)
contains.

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Color

**XYZ(23.3004, 27.6153,
20.0218)**

Conversions

Conversions Part 1

Format	Color
Hex	849572
RGB	132, 149, 114
RGB Percent	52%, 58%, 45%
CMY	0.4824, 0.4157, 0.5529
CMYK	0.11, 0.00, 0.23, 0.42
HSL	89°, 14%, 52%
HSV	89°, 23%, 58%
XYZ	23.3004, 27.6153, 20.0218
YIQ	139.9270, 1.1030, -14.4890

Conversions

Conversions Part 2

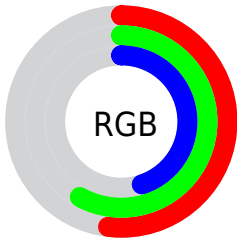
Format	Color
RYB	114, 149, 131
Decimal	8689010
CIELab	59.54, -12.67, 16.51
CIELCh	60, 20.813, 127.510
Yxy	27.6153, 0.3285, 0.3893
Android (android.graphics.Color)	4286879090 (0xFF849572)
YUV	139.9270, -12.7820, -6.9520
Hunter-Lab	52.5503, -12.8174, 14.1955

Details

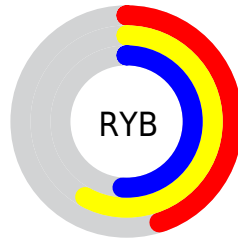
The XYZ color **23.3004, 27.6153, 20.0218** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.8033, 19.0306, 31.0121**, and the grayscale version is **24.9473, 26.2465, 28.5824**.

A 20% lighter version of the original color is **48.2465, 55.7793, 44.3000**, and **8.8307, 10.9226, 6.7971** is the 20% darker color. If you saturate the color by 10%, you get **21.4277, 26.7409, 15.8618**, and if you desaturate by 10%, it is **25.3913, 28.5879, 24.9144**.

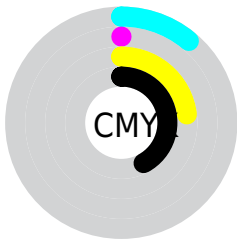
Distribution



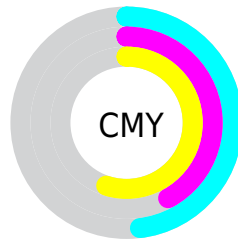
- Red (52%)
- Green (58%)
- Blue (45%)



- Red (45%)
- Yellow (58%)
- Blue (51%)



- Cyan (11%)
- Magenta (0%)
- Yellow (23%)
- Black (42%)



- Cyan (48%)
- Magenta (42%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3004, 27.6153, 20.0218 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 23.3004, 27.6153, 20.0218 by changing the saturation by 10% instead.

■ 23.3004, 27.6153,
20.0218

■ 23.3004, 27.6153,
20.0218

261.7708,
290.6241, 264.6412

■ 14.9374, 18.0359,
12.2267

■ 48.3491, 55.8697,
44.3132

■ 8.8615, 10.9757,
6.7738

■ 65.7656, 75.3134,
61.6465

■ 4.7073, 6.0505,
3.2448

■ 86.9306, 98.8140,
82.9963

■ 2.1096, 2.8758,
1.2209

■ 112.2094,
126.7559, 108.7811

■ 0.6944, 1.0673,
0.0000

141.9675,
159.5234, 139.4195

■ 0.0000, 0.0000,
0.0000

176.5702,

197.5010, 175.3299

216.3829,
241.0731, 216.9310

■ 23.3004, 27.6153,
20.0218

■ 23.3004, 27.6153,
20.0218

■ 21.4277, 26.7409,
15.8618

■ 25.3913, 28.5879,
24.9144

■ 19.7628, 25.9576,
12.3975

■ 27.7059, 29.6583,
30.5707

■ 18.2976, 25.2628,
9.5910

■ 30.2524, 30.8310,
37.0221

■ 17.0223, 24.6525,
7.4007

■ 33.0378, 32.1087,
44.2980

■ 15.9264, 24.1223,
5.7798

■ 36.0686, 33.4944,
52.4258

■ 14.9980, 23.6672,
4.6749

■ 39.3514, 34.9908,
61.4322

■ 14.2231, 23.2813,
4.0226

■ 42.8921, 36.6004,
71.3422

■ 13.7781, 23.0581,
3.7245

■ 46.6968, 38.3259,
82.1802

■ 50.7712, 40.1696,
93.9695

Harmonies

Analogous

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



25.5951, 27.6153, 17.9214



23.3004, 27.6153, 20.0218



21.8662, 27.6153, 24.8845

Triad

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



23.3004, 27.6153, 20.0218



24.3688, 27.6153, 45.4507



31.5607, 27.6153, 28.2233

Complementary

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



23.3004, 27.6153, 20.0218



20.8033, 19.0306, 31.0121

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.



31.1782, 27.6153, 35.9264



23.3004, 27.6153, 20.0218



26.9109, 27.6153, 46.7439

Square

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



23.3004, 27.6153, 20.0218



22.4538, 27.6153, 39.7277



29.4332, 27.6153, 43.0140



30.4461, 27.6153, 22.1172

Rectangle

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



23.3004, 27.6153, 20.0218



21.5332, 27.6153, 29.4465



29.4332, 27.6153, 43.0140



31.6041, 27.6153, 30.6989

Sweetspot

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



23.3011, 27.6165, 20.0224



48.0543, 52.3907, 50.8848



23.5378, 23.8157, 19.2763



10.6027, 11.5888, 11.1619



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



23.3011, 27.6165, 20.0224



39.9763, 48.6379, 31.9130



20.8011, 26.3277, 19.9054



5.9969, 6.6062, 6.1995



11.6301, 19.4234, 3.1361



0.1764, 0.2553, 0.0400

Inverse Universe

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



20.8033, 19.0306, 31.0121



34.7296, 30.6027, 54.9977



23.7314, 20.5401, 31.1491



5.7516, 5.7629, 7.2789



6.8730, 3.0157, 24.1509



0.1179, 0.0543, 0.2972

Previews

White Background



This preview shows how the XYZ color 23.3004, 27.6153, 20.0218 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 23.3004, 27.6153, 20.0218 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

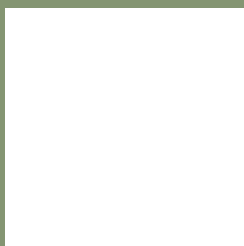
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.3004, 27.6153, 20.0218

Background



This preview shows how black text looks on a background with the XYZ color 23.3004, 27.6153, 20.0218.



This preview shows how white text looks on a background with the XYZ color 23.3004, 27.6153,

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

23.3004, 27.6153, 20.0218

Protanopia

25.8286, 27.5649, 18.9982

Deuteranopia

27.9667, 27.5449, 20.3657



Tritanopia

26.3709, 27.7163, 34.9702

Trichromacy



Original Color

23.3004, 27.6153, 20.0218

Protanomaly

24.7271, 27.4404, 19.3225

Deuteranomaly

26.0939, 27.4538, 20.1435

Tritanomaly

25.1659, 27.6855, 28.8284

Monochromacy



Original Color

23.3004, 27.6153, 20.0218

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.2357, 26.6020, 25.3301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3004, 27.6153, 20.0218 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(132, 149, 114)` looks like.

```
.text, #text, p{  
    color:rgb(132, 149, 114)  
}
```

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(132, 149, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 149, 114) }
```

Border

The CSS property to change the border of an element to XYZ 23.3004, 27.6153, 20.0218 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(132, 149, 114) }
```


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

```
.border{ border-color:rgb(132, 149, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 149, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 149, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 149, 114);  
box-shadow:4px 4px 4px 4px rgb(132, 149,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3004, 27.6153, 20.0218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 149, 114) }
```

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

```
.background{ background-color: rgb(132,  
149, 114) }
```

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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