

Converting Colors

XYZ(20.1668, 26.8666, 20.1690)

Have a look what the booklet for
XYZ(20.1668, 26.8666, 20.1690)
contains.

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Color

**XYZ(20.2542, 27.0006,
20.0637)**

Conversions

Conversions Part 1

Format	Color
Hex	699972
RGB	105, 153, 114
RGB Percent	41%, 60%, 45%
CMY	0.5882, 0.4000, 0.5529
CMYK	0.31, 0.00, 0.25, 0.40
HSL	131°, 19%, 51%
HSV	131°, 31%, 60%
XYZ	20.2542, 27.0006, 20.0637
YIQ	134.2020, -16.0890, -22.3050

Conversions

Conversions Part 2

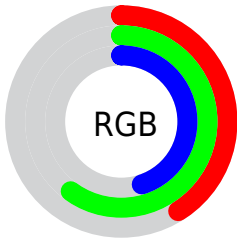
Format	Color
RYB	105, 145, 153
Decimal	6920562
CIELab	58.97, -24.52, 15.46
CIElCh	59, 28.983, 147.771
Yxy	27.0006, 0.3009, 0.4011
Android (android.graphics.Color)	4285110642 (0xFF699972)
YUV	134.2020, -9.9596, -25.6102
Hunter-Lab	51.9621, -21.3565, 13.4803

Details

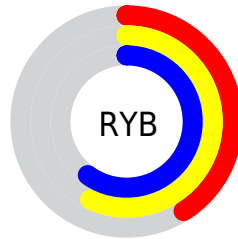
The XYZ color **20.2542, 27.0006, 20.0637** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **23.2234, 18.8897, 28.8088**, and the grayscale version is **22.7746, 23.9607, 26.0932**.

A 20% lighter version of the original color is **43.5394, 55.1340, 44.4236**, and **7.3103, 10.7083, 6.8359** is the 20% darker color. If you saturate the color by 10%, you get **17.9561, 25.8929, 16.5103**, and if you desaturate by 10%, it is **22.9732, 28.3157, 24.1401**.

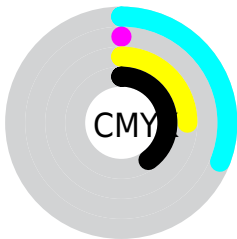
Distribution



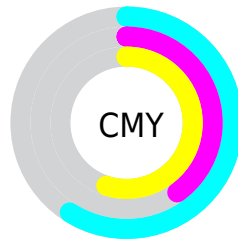
- Red (41%)
- Green (60%)
- Blue (45%)



- Red (41%)
- Yellow (57%)
- Blue (60%)



- Cyan (31%)
- Magenta (0%)
- Yellow (25%)
- Black (40%)



- Cyan (59%)
- Magenta (40%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.2542, 27.0006, 20.0637 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 20.2542, 27.0006, 20.0637 by changing the saturation by 10% instead.

■ 20.2542, 27.0006,
20.0637

■ 20.2542, 27.0006,
20.0637

246.0954,
287.6600, 264.8754

■ 12.6893, 17.5737,
12.2568

■ 43.3437, 54.8848,
44.3843

■ 7.2905, 10.6443,
6.7942

■ 59.5989, 74.1109,
61.7352

■ 3.6924, 5.8282,
3.2572

■ 79.4817, 97.3722,
83.1044

■ 1.5296, 2.7409,
1.2274

■ 103.3573,
125.0530, 108.9106

■ 0.3458, 0.9980,
0.0012

131.5911,
157.5378, 139.5722

■ 0.0000, 0.0000,
0.0000

164.5485,

195.2110, 175.5079

202.5948,
238.4569, 217.1361

■ 20.2542, 27.0006,
20.0637

■ 20.2542, 27.0006,
20.0637

■ 17.9561, 25.8929,
16.5103

■ 22.9732, 28.3157,
24.1401

■ 16.0557, 24.9789,
13.4568

■ 26.1308, 29.8445,
28.7575

■ 14.5305, 24.2480,
10.8815

■ 29.7461, 31.5974,
33.9355

■ 13.3551, 23.6878,
8.7600

■ 33.8364, 33.5829,
39.6919

■ 12.5007, 23.2840,
7.0658

■ 38.4181, 35.8090,
46.0439

■ 11.9337, 23.0198,
5.7697

■ 43.5071, 38.2836,
53.0079

■ 11.6097, 22.8706,
4.9448

■ 49.1182, 41.0140,
60.5998

■ 55.2657, 44.0073,
68.8347

■ 61.9635, 47.2702,
77.7273

Harmonies

Analogous

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



22.5786, 27.0006, 15.1435



20.2542, 27.0006, 20.0637



19.3635, 27.0006, 28.6366

Triad

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



20.2542, 27.0006, 20.0637



25.3956, 27.0006, 53.9169



32.2705, 27.0006, 21.1142

Complementary

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



20.2542, 27.0006, 20.0637



23.2234, 18.8897, 28.8088

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.



33.1997, 27.0006, 30.1749



20.2542, 27.0006, 20.0637



29.0168, 27.0006, 50.5972

Square

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



20.2542, 27.0006, 20.0637



22.1542, 27.0006, 49.5006



31.9586, 27.0006, 41.2565



29.5246, 27.0006, 15.6431

Rectangle

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



20.2542, 27.0006, 20.0637



19.6334, 27.0006, 35.8571



31.9586, 27.0006, 41.2565



32.8162, 27.0006, 23.7671

Sweetspot

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



20.2549, 27.0017, 20.0643



48.1453, 54.1001, 53.4478



25.4786, 29.7510, 17.7646



10.4471, 11.8567, 11.5366



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.



20.2549, 27.0017, 20.0643



33.1649, 46.8555, 31.1474



21.7907, 27.6161, 28.1518



6.1771, 6.9436, 6.8562



9.6044, 18.9052, 4.1376



0.1538, 0.2867, 0.1159

Inverse Universe

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



23.2234, 18.8897, 28.8088



39.3775, 29.8647, 49.4380



21.5916, 18.2370, 20.2157



6.4115, 6.3038, 7.5472



13.8920, 6.8110, 16.4883



0.2191, 0.1064, 0.3065

Previews

White Background



This preview shows how the XYZ color 20.2542, 27.0006, 20.0637 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 20.2542, 27.0006, 20.0637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

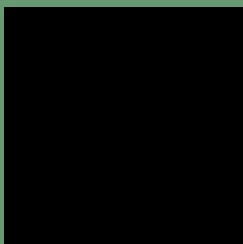
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.2542, 27.0006, 20.0637

Background



This preview shows how black text looks on a background with the XYZ color 20.2542, 27.0006, 20.0637.



This preview shows how white text looks on a background with the XYZ color 20.2542, 27.0006,

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

20.2542, 27.0006, 20.0637

Protanopia

25.0477, 26.7332, 18.3079

Deuteranopia

27.1784, 26.7029, 20.8612



Tritanopia

23.6312, 26.9480, 36.7569

Trichromacy



Original Color

20.2542, 27.0006, 20.0637

Protanomaly

22.8262, 26.4668, 18.9445

Deuteranomaly

24.0392, 26.3811, 20.6547

Tritanomaly

22.2609, 26.8576, 29.9974

Monochromacy



Original Color

20.2542, 27.0006, 20.0637

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

21.5240, 24.7930, 23.7298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.2542, 27.0006, 20.0637 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(105, 153, 114)` looks like.

```
.text, #text, p{  
    color:rgb(105, 153, 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(105, 153, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 153, 114) }
```

Border

The CSS property to change the border of an element to XYZ 20.2542, 27.0006, 20.0637 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(105, 153, 114) }
```


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

```
.border{ border-color:rgb(105, 153, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 153, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 153, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 153, 114);  
box-shadow:4px 4px 4px 4px rgb(105, 153,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 20.2542, 27.0006, 20.0637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 153, 114) }
```

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

```
.background{ background-color: rgb(105,  
153, 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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