

Converting Colors

XYZ(17.2953, 27.5680, 20.0532)

Have a look what the booklet for
XYZ(17.2953, 27.5680, 20.0532)
contains.

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Color

**XYZ(17.2468, 27.4663,
20.0153)**

Conversions

Conversions Part 1

Format	Color
Hex	36A171
RGB	54, 161, 113
RGB Percent	21%, 63%, 44%
CMY	0.7882, 0.3686, 0.5569
CMYK	0.66, 0.00, 0.30, 0.37
HSL	153°, 50%, 42%
HSV	153°, 66%, 63%
XYZ	17.2468, 27.4663, 20.0153
YIQ	123.5350, -48.3640, -37.6120

Conversions

Conversions Part 2

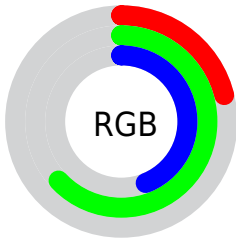
Format	Color
RYB	54, 123, 161
Decimal	3580273
CIELab	59.40, -41.95, 16.29
CIElCh	59, 44.997, 158.779
Yxy	27.4663, 0.2664, 0.4243
Android (android.graphics.Color)	4281770353 (0xFF36A171)
YUV	123.5350, -5.1938, -60.9822
Hunter-Lab	52.4083, -32.9728, 14.0423

Details

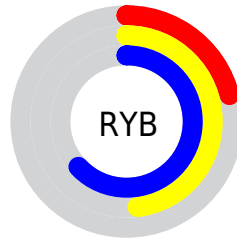
The XYZ color **17.2468, 27.4663, 20.0153** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **18.4162, 11.1752, 13.7576**, and the grayscale version is **19.0324, 20.0236, 21.8057**.

A 20% lighter version of the original color is **38.4144, 55.8530, 44.3534**, and **6.3167, 11.1068, 6.8119** is the 20% darker color. If you saturate the color by 10%, you get **16.1311, 26.9370, 17.9246**, and if you desaturate by 10%, it is **18.6823, 28.1582, 22.2911**.

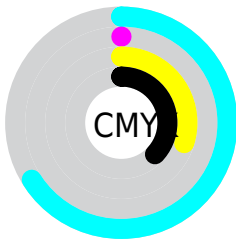
Distribution



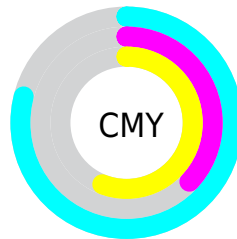
- Red (21%)
- Green (63%)
- Blue (44%)



- Red (21%)
- Yellow (48%)
- Blue (63%)



- Cyan (66%)
- Magenta (0%)
- Yellow (30%)
- Black (37%)



- Cyan (79%)
- Magenta (37%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2468, 27.4663, 20.0153 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 17.2468, 27.4663, 20.0153 by changing the saturation by 10% instead.

■ 17.2468, 27.4663,
20.0153

■ 17.2468, 27.4663,
20.0153

229.7192,
289.9078, 264.6049

■ 10.5070, 17.9237,
12.2220

■ 38.2899, 55.6312,
44.3021

■ 5.8012, 10.8952,
6.7707

■ 53.3238, 75.0224,
61.6327

■ 2.7641, 5.9964,
3.2428

■ 71.8532, 98.4652,
82.9795

■ 1.0303, 2.8429,
1.2199

■ 94.2434, 126.3440,
108.7610

■ 0.0000, 1.0503,
0.0000

■ 120.8598,
159.0433, 139.3958

■ 0.0000, 0.0000,
0.0000

152.0676,

196.9475, 175.3023

188.2323,
240.4408, 216.8992

■ 17.2468, 27.4663,
20.0153

■ 17.2468, 27.4663,
20.0153

■ 16.1311, 26.9370,
17.9246

■ 18.6823, 28.1582,
22.2911

■ 15.3029, 26.5515,
16.0118

■ 20.4618, 29.0228,
24.7552

■ 14.7195, 26.2887,
14.2715

■ 22.6092, 30.0733,
27.4130

■ 14.5392, 26.2083,
13.6944

■ 25.1458, 31.3204,
30.2689

■ 28.0913, 32.7742,
33.3274

■ 31.4638, 34.4440,
36.5927

■ 35.2804, 36.3385,
40.0687

■ 39.5573, 38.4661,
43.7596

■ 44.3097, 40.8344,
47.6690

Harmonies

Analogous

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



19.8868, 27.4663, 11.6426



17.2468, 27.4663, 20.0153



16.7895, 27.4663, 34.9000

Triad

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



17.2468, 27.4663, 20.0153



27.7959, 27.4663, 72.2892



35.5036, 27.4663, 14.3688

Complementary

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



17.2468, 27.4663, 20.0153



18.4162, 11.1752, 13.7576

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.



38.3546, 27.4663, 25.4130



17.2468, 27.4663, 20.0153



33.5026, 27.4663, 61.2331

Square

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



17.2468, 27.4663, 20.0153



22.3745, 27.4663, 69.1969



37.5738, 27.4663, 42.6134



30.2306, 27.4663, 9.2943

Rectangle

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



17.2468, 27.4663, 20.0153



17.7090, 27.4663, 47.4850



37.5738, 27.4663, 42.6134



36.8092, 27.4663, 17.3093

Sweetspot

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



17.2475, 27.4674, 20.0159



48.1520, 57.6286, 57.4954



18.9081, 28.5908, 8.0123



10.2574, 12.4892, 12.2943



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.



17.2475, 27.4674, 20.0159



28.0796, 47.8613, 30.3334



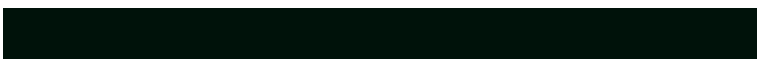
19.7850, 27.0183, 37.8919



7.1413, 7.9573, 8.3559



11.6323, 20.9393, 11.0461



0.2678, 0.4493, 0.3552

Inverse Universe

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



18.4162, 11.1752, 13.7576



30.3472, 16.4942, 18.3716



16.9465, 11.0079, 4.7218



7.1997, 7.1363, 8.0378



12.6989, 6.4356, 5.6051



0.2905, 0.1447, 0.2426

Previews

White Background



This preview shows how the XYZ color 17.2468, 27.4663, 20.0153 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 17.2468, 27.4663, 20.0153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

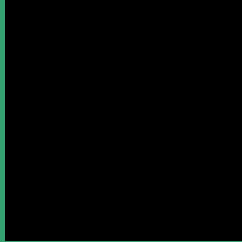
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.2468, 27.4663, 20.0153

Background



This preview shows how black text looks on a background with the XYZ color 17.2468, 27.4663, 20.0153.



This preview shows how white text looks on a background with the XYZ color 17.2468, 27.4663,

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

17.2468, 27.4663, 20.0153

Protanopia

25.1206, 27.0209, 16.9883

Deuteranopia

27.5255, 27.0918, 20.9180



Tritanopia

21.3547, 27.3571, 40.7141

Trichromacy



Original Color

17.2468, 27.4663, 20.0153



Protanomaly

20.6037, 26.2694, 17.8945



Deuteranomaly

21.7434, 26.1038, 20.4155



Tritanomaly

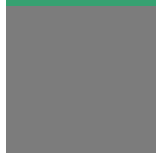
19.6382, 27.4138, 31.8601

Monochromacy



Original Color

17.2468, 27.4663, 20.0153



Achromatopsia

19.1579, 20.1556, 21.9495



Achromatomaly

17.4814, 21.9000, 21.0751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2468, 27.4663, 20.0153 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(54, 161, 113)` looks like.

```
.text, #text, p{  
    color:rgb(54, 161, 113)  
}
```

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(54, 161, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 161, 113) }
```

Border

The CSS property to change the border of an element to XYZ 17.2468, 27.4663, 20.0153 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(54, 161, 113) }
```


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

```
.border{ border-color:rgb(54, 161, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 161, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 161, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 161, 113);  
box-shadow:4px 4px 4px 4px rgb(54, 161,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2468, 27.4663, 20.0153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 161, 113) }
```

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

```
.background{ background-color: rgb(54, 161,  
113) }
```

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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