

Converting Colors

XYZ(14.0264, 20.1816, 19.3004)

Have a look what the booklet for
XYZ(14.0264, 20.1816, 19.3004)
contains.

XYZ(14.0268, 20.1533, 19.3703)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.0268, 20.1533,
19.3703)**

Conversions

Conversions Part 1

Format	Color
Hex	3E8973
RGB	62, 137, 115
RGB Percent	24%, 54%, 45%
CMY	0.7569, 0.4627, 0.5490
CMYK	0.55, 0.00, 0.16, 0.46
HSL	162°, 38%, 39%
HSV	162°, 55%, 54%
XYZ	14.0268, 20.1533, 19.3703
YIQ	112.0670, -37.6380, -22.7420

Conversions

Conversions Part 2

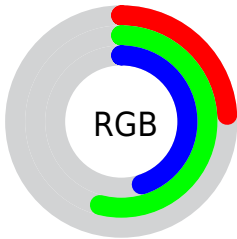
Format	Color
R_{YB}	62, 106, 137
Decimal	4098419
CIE _{Lab}	52.01, -28.92, 4.78
CIE _{LCh}	52, 29.312, 170.624
Yxy	20.1533, 0.2619, 0.3763
Android (android.graphics.Color)	4282288499 (0xFF3E8973)
YUV	112.0670, 1.4460, -43.9088
Hunter-Lab	44.8924, -22.7888, 5.8421

Details

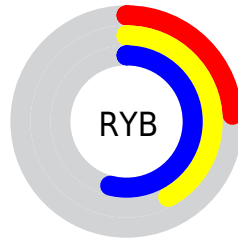
The XYZ color **14.0268, 20.1533, 19.3703** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **13.6401, 9.4043, 9.4846**, and the grayscale version is **15.4251, 16.2284, 17.6727**.

A 20% lighter version of the original color is **32.8083, 43.7646, 43.2775**, and **4.3409, 7.0608, 6.4443** is the 20% darker color. If you saturate the color by 10%, you get **13.0475, 19.6751, 18.1437**, and if you desaturate by 10%, it is **15.2339, 20.7488, 20.6611**.

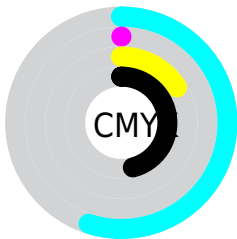
Distribution



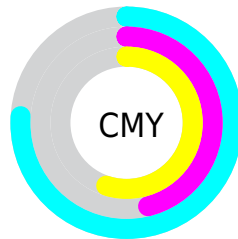
- Red (24%)
- Green (54%)
- Blue (45%)



- Red (24%)
- Yellow (42%)
- Blue (54%)



- Cyan (55%)
- Magenta (0%)
- Yellow (16%)
- Black (46%)



- Cyan (76%)
- Magenta (46%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0268, 20.1533, 19.3703 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 14.0268, 20.1533, 19.3703 by changing the saturation by 10% instead.

■ 14.0268, 20.1533,
19.3703

■ 14.0268, 20.1533,
19.3703

210.9048,
252.7438, 260.9760

■ 8.2211, 12.5065,
11.7586

■ 32.7224, 43.6741,
43.2039

■ 4.2898, 7.0896,
6.4590

■ 46.3431, 60.3168,
60.2629

■ 1.8673, 3.5182,
3.0529

■ 63.2995, 80.7270,
81.3081

■ 0.5577, 1.4079,
1.1217

■ 83.9570, 105.2891,
106.7580

■ 0.0000, 0.2225,
0.0000

■ 108.6809,
134.3874, 137.0313

■ 0.0000, 0.0000,
0.0000

137.8366,

168.4064, 172.5463

171.7894,
207.7304, 213.7217

■ 14.0268, 20.1533,
19.3703

■ 14.0268, 20.1533,
19.3703

■ 13.0475, 19.6751,
18.1437

■ 15.2339, 20.7488,
20.6611

■ 12.2776, 19.3032,
16.9785

■ 16.6822, 21.4669,
22.0160

■ 11.6986, 19.0286,
15.8735

■ 18.3860, 22.3156,
23.4368

■ 11.2847, 18.8379,
14.8269

■ 20.3577, 23.3012,
24.9247

■ 11.0950, 18.7516,
14.2981

■ 22.6094, 24.4298,
26.4810

■ 25.1519, 25.7072,
28.1066

■ 27.9959, 27.1387,
29.8027

■ 31.1511, 28.7294,
31.5703

■ 34.6272, 30.4843,
33.4106

Harmonies

Analogous

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



15.0479, 20.1533, 13.0718



14.0268, 20.1533, 19.3703



14.2649, 20.1533, 28.2652

Triad

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



14.0268, 20.1533, 19.3703



21.2511, 20.1533, 41.2292



23.0365, 20.1533, 11.5227

Complementary

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



14.0268, 20.1533, 19.3703



13.6401, 9.4043, 9.4846

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.



25.0518, 20.1533, 16.6426



14.0268, 20.1533, 19.3703



23.9489, 20.1533, 34.1265

Square

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



14.0268, 20.1533, 19.3703



18.2342, 20.1533, 42.5133



25.4020, 20.1533, 24.7351



20.1065, 20.1533, 9.3825

Rectangle

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



14.0268, 20.1533, 19.3703



15.1165, 20.1533, 34.4963



25.4020, 20.1533, 24.7351



23.8557, 20.1533, 12.8784

Sweetspot

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



14.0274, 20.1541, 19.3708



35.8539, 41.4254, 44.1968



13.5169, 20.1480, 7.7343



7.8986, 9.2198, 9.8075



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



14.0274, 20.1541, 19.3708



22.9550, 35.0342, 31.9139



13.4622, 16.7501, 26.1915



5.1114, 5.6640, 6.1074



10.3399, 17.4685, 13.3463



0.0751, 0.1186, 0.1224

Inverse Universe

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



13.6401, 9.4043, 9.4846



22.2042, 13.6595, 12.3524



13.8406, 10.9745, 5.9466



5.0893, 5.0712, 5.5588



9.9744, 5.0999, 2.3693



0.0720, 0.0362, 0.0462

Previews

White Background



This preview shows how the XYZ color 14.0268, 20.1533, 19.3703 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 14.0268, 20.1533, 19.3703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

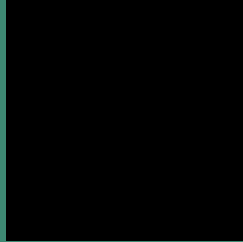
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.0268, 20.1533, 19.3703

Background



This preview shows how black text looks on a background with the XYZ color 14.0268, 20.1533, 19.3703.

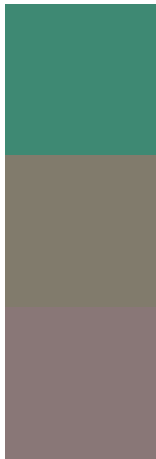


This preview shows how white text looks on a background with the XYZ color 14.0268, 20.1533,

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

14.0268, 20.1533, 19.3703

Protanopia

18.8430, 19.9158, 17.0383

Deuteranopia

20.2431, 19.8439, 20.2161



Tritanopia

16.0201, 20.1283, 29.4264

Trichromacy



Original Color

14.0268, 20.1533, 19.3703

Protanomaly

16.4141, 19.5893, 17.9549

Deuteranomaly

17.1613, 19.5447, 20.0076

Tritanomaly

15.1426, 19.9726, 25.2473

Monochromacy



Original Color

14.0268, 20.1533, 19.3703

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

14.4341, 17.2467, 18.1910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0268, 20.1533, 19.3703 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(62, 137, 115)` looks like.

```
.text, #text, p{  
    color:rgb(62, 137, 115)  
}
```

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(62, 137, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 137, 115) }
```

Border

The CSS property to change the border of an element to XYZ 14.0268, 20.1533, 19.3703 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(62, 137, 115) }
```


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

```
.border{ border-color:rgb(62, 137, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 137, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 137, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 137, 115);  
box-shadow:4px 4px 4px 4px rgb(62, 137,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0268, 20.1533, 19.3703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 137, 115) }
```

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

```
.background{ background-color: rgb(62, 137,  
115) }
```

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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