

Converting Colors

XYZ(20.6052, 30.6783, 25.6044)

Have a look what the booklet for
XYZ(20.6052, 30.6783, 25.6044)
contains.

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Color

**XYZ(20.6052, 30.6783,
25.6044)**

Conversions

Conversions Part 1

Format	Color
Hex	4AA781
RGB	74, 167, 129
RGB Percent	29%, 65%, 51%
CMY	0.7098, 0.3451, 0.4941
CMYK	0.56, 0.00, 0.23, 0.35
HSL	155°, 39%, 47%
HSV	155°, 56%, 65%
XYZ	20.6052, 30.6783, 25.6044
YIQ	134.8610, -43.2300, -31.5340

Conversions

Conversions Part 2

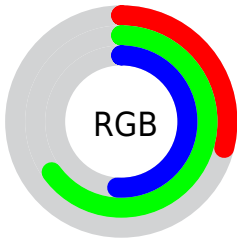
Format	Color
RYB	74, 132, 167
Decimal	4892545
CIELab	62.24, -36.86, 11.44
CIELCh	62, 38.590, 162.754
Yxy	30.6783, 0.2680, 0.3990
Android (android.graphics.Color)	4283082625 (0xFF4AA781)
YUV	134.8610, -2.8895, -53.3751
Hunter-Lab	55.3880, -30.5242, 11.3634

Details

The XYZ color **20.6052, 30.6783, 25.6044** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **21.3108, 14.2836, 16.9641**, and the grayscale version is **23.0001, 24.1979, 26.3515**.

A 20% lighter version of the original color is **44.0371, 60.8986, 53.6896**, and **7.4653, 12.6138, 9.6307** is the 20% darker color. If you saturate the color by 10%, you get **19.0478, 29.9269, 23.2426**, and if you desaturate by 10%, it is **22.5359, 31.6202, 28.1431**.

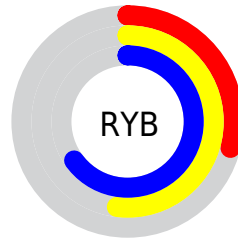
Distribution



Red (29%)

Green (65%)

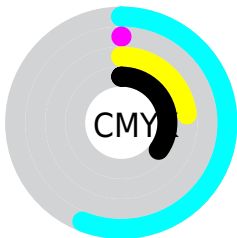
Blue (51%)



Red (29%)

Yellow (52%)

Blue (65%)

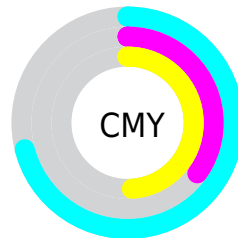


Cyan (56%)

Magenta (0%)

Yellow (23%)

Black (35%)



Cyan (71%)

Magenta (35%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6052, 30.6783, 25.6044 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 20.6052, 30.6783, 25.6044 by changing the saturation by 10% instead.

■ 20.6052, 30.6783,
25.6044

■ 20.6052, 30.6783,
25.6044

247.9445,
305.0535, 294.3781

■ 12.9465, 20.3540,
16.3048

■ 43.9258, 60.7332,
53.6123

■ 7.4685, 12.6526,
9.5834

■ 60.3184, 81.2327,
73.1577

■ 3.8057, 7.1898,
5.0217

■ 80.3531, 105.8926,
96.9554

■ 1.5928, 3.5811,
2.2010

■ 104.3952,
135.0974, 125.4240

■ 0.3877, 1.4421,
0.6750

■ 132.8100,
169.2315, 158.9820

■ 0.0000, 0.2474,
0.0000

165.9629,

■ 0.0000, 0.0000,

208.6793, 198.0480

0.0000

204.2193,
253.8252, 243.0405

■ 20.6052, 30.6783,
25.6044

■ 20.6052, 30.6783,
25.6044

■ 19.0478, 29.9269,
23.2426

■ 22.5359, 31.6202,
28.1431

■ 17.8328, 29.3478,
21.0513

■ 24.8626, 32.7620,
30.8609

■ 16.9287, 28.9256,
19.0265

■ 27.6091, 34.1164,
33.7624

■ 16.2931, 28.6385,
17.1630

■ 30.7963, 35.6945,
36.8513

■ 16.0601, 28.5349,
16.4065

■ 34.4441, 37.5061,
40.1314

■ 38.5708, 39.5609,
43.6063

■ 43.1939, 41.8677,
47.2793

■ 48.3298, 44.4349,
51.1538

■ 53.9943, 47.2706,
55.2331

Harmonies

Analogous

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



22.8774, 30.6783, 16.4649



20.6052, 30.6783, 25.6044



20.4445, 30.6783, 40.1409

Triad

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



20.6052, 30.6783, 25.6044



31.4251, 30.6783, 69.8932



37.1441, 30.6783, 17.4764

Complementary

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



20.6052, 30.6783, 25.6044



21.3108, 14.2836, 16.9641

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.



40.0525, 30.6783, 27.4655



20.6052, 30.6783, 25.6044



36.4960, 30.6783, 59.1863

Square

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



20.6052, 30.6783, 25.6044



26.2905, 30.6783, 68.9462



39.8021, 30.6783, 42.6443



32.2284, 30.6783, 12.8229

Rectangle

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



20.6052, 30.6783, 25.6044



21.5243, 30.6783, 51.4393



39.8021, 30.6783, 42.6443



38.4138, 30.6783, 20.1694

Sweetspot

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



20.6060, 30.6795, 25.6051



54.1726, 63.4383, 65.0767



21.8336, 31.6273, 11.4328



11.8700, 14.0710, 14.3226



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



20.6060, 30.6795, 25.6051



33.5067, 53.3049, 40.6050



22.2412, 29.1295, 41.0111



7.6159, 8.4794, 8.9633



12.3136, 21.8442, 12.6843



0.3240, 0.5412, 0.4373

Inverse Universe

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



21.3108, 14.2836, 16.9641



34.9157, 20.9224, 23.6238



20.1717, 14.7075, 8.2546



7.6534, 7.5912, 8.4922



13.0218, 6.6174, 4.9263



0.3424, 0.1712, 0.2544

Previews

White Background



This preview shows how the XYZ color 20.6052, 30.6783, 25.6044 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 20.6052, 30.6783, 25.6044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

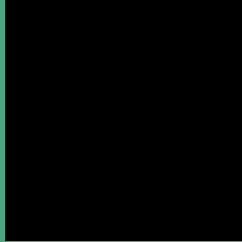
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 20.6052, 30.6783, 25.6044

Background



This preview shows how black text looks on a background with the XYZ color 20.6052, 30.6783, 25.6044.



This preview shows how white text looks on a background with the XYZ color 20.6052, 30.6783,

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

20.6052, 30.6783, 25.6044

Protanopia

28.4357, 30.2219, 22.1040

Deuteranopia

30.8539, 30.2138, 26.7599



Tritanopia

24.4094, 30.6204, 44.6682

Trichromacy



Original Color

20.6052, 30.6783, 25.6044

Protanomaly

24.3657, 29.7962, 23.2059

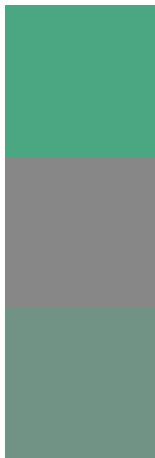
Deuteranomaly

25.3848, 29.2733, 26.1422

Tritanomaly

22.8360, 30.5020, 37.0316

Monochromacy



Original Color

20.6052, 30.6783, 25.6044

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

21.4774, 26.0716, 26.0906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6052, 30.6783, 25.6044 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(74, 167, 129)` looks like.

```
.text, #text, p{  
    color:rgb(74, 167, 129)  
}
```

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(74, 167, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 167, 129) }
```

Border

The CSS property to change the border of an element to XYZ 20.6052, 30.6783, 25.6044 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(74, 167, 129) }
```


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

```
.border{ border-color:rgb(74, 167, 129) }
```

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

Here you see how a box with a 4 pixel rgb(74, 167, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 167, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 167, 129);  
box-shadow:4px 4px 4px 4px rgb(74, 167,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6052, 30.6783, 25.6044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 167, 129) }
```

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

```
.background{ background-color: rgb(74, 167,  
129) }
```

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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